

Company Profile

Company profile

Yongkang Intelligent Technology (Weihai) Co., Ltd. was established in 2019 with a registered capital of 11.19 million yuan. Located in the beautiful and pleasant coastal city of Weihai, it is a comprehensive high-tech innovation enterprise integrating research and development, manufacturing, and sales.

The company primarily engages in the operation and R&D of police security products for public safety, while also providing solutions for advanced threat defense in areas such as smart policing, smart communities, smart healthcare, smart transportation, and cybersecurity. We are committed to earning user trust and industry recognition through top-tier products, cutting-edge technologies, and premium services.

Harnessing technology and intelligence to boost productivity, we are committed to developing security products that are "safer, more civilized, more efficient, and smarter." Putting people first, every employee represents the greatest asset of the company. Through strategic planning and governance, we strive to maximize returns for customers, partners, shareholders, employees, and society—this is the mission of Kaiyong.

Striving for excellence and perseverance. The vision of Kaiyong is to build the company into a solid platform that realizes life value for shareholders, employees, and even business partners, and to become a leading force in the construction of public safety initiatives.

We will uphold our mission and vision, always remember the original aspiration of entrepreneurship, adhere to honest management and efficient innovation, and fully fulfill our social responsibilities to contribute to the creation of a safe China.



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I. Equipment for Individual Police Officers in Public Security Forces

Retractable baton

[Model:GRD01]

Dimension: Retracted length 200mm ±5mm, Extended length ≥530mm

Handle diameter: 28mm

±1mm Weight: ≤350g

Material: Seamless steel pipe

Expansion cycles: ≥3000 cycles

Corrosion resistance: Grade 9

Tensile strength: ≥1000 N



Extendable baton with protective gloves

[Model:SSG-A-C-RD]

Material: Three-section alloy steel round tubes with a wall thickness of 3.0 mm each;

Composition: Primarily consists of an end seat, rubber grip, handguard chuck, rear section, middle section, front section, and rotating positioning device;

Dimensions: The length is 260mm when folded and 600mm when unfolded.

Implementation standards:GA/T429-2003, Q/RD01-2014



New Type of Extensible Police Baton

[Model: Portable (G1RD type)]

Basic Type (G2RD Type)

Enhanced Type (G3RD Type)

technical parameter

Number of impact strikes: ≥4000

Corrosion resistance: Grade 9

Bending resistance: 500ON (portable model), 5000N (basic model), 1000ON (reinforced model)

Portable weight: ≤290g, Base model weight: ≤340g, Enhanced model weight: ≤560g

Portable length: 192mm when folded, 413mm when unfolded; Basic length: 224mm when folded, 508mm when unfolded; Enhanced length: 224mm when folded, 508mm when unfolded



Police Standard Knife

[Model:DRD]

The police standard knife is a multifunctional tactical blade equipped with capabilities such as stabbing, cutting, chopping, sawing, shearing, shattering glass, and multi-functional screwdriver functions. It serves various purposes including offensive operations, subduing techniques, self-defense, and emergency rescue.

Implementation standard: GA885-2010 Police Standard Knives for Single Police Officers



Tear gas injector

[Model:C RD01]

Ingredients: Intense spicy-CS mixed irritant

Structure: contains an intracapsular pocket, allowing multiple fluid installations

Dimensions: φ35mm*150mm

Volume: 110ml

Ejection distance: 4 m; Ejection time:>5s; Ejection velocity:>8.5 g/s

Validity period: 3 years (room temperature)

Implementation standard: GA 884-2010 Police Tear Gas Sprayer for Single Police Officer Equipment

Inspection Number: Gongjing Inspection No.1330005



Novel Single Police Tear Gas Sprayer

[Model: Horizontal spray CIRD/Vertical spray C2RD]

Composed of structure, protective cover, protective cap, pressure handle, fixing cap, can body, conical spring, dust plug, and inflation/deflation valve; active ingredient in tear gas; synthetic capsaicin (OC); tear gas unit containing synthetic capsaicin (OC). Spray range: 7m.

Dimensions: The outer diameter of the can is 38mm, and the height is 177mm.

Appearance: The crystal structure is intact without deformation, with clear and complete printed text and patterns on the surface, demonstrating accurate and secure overprinting.

Reusability: The tear gas unit can be repeatedly replaced and inflated, with a repeat cycle exceeding 50 times; Compatibility: The injector exhibits excellent compatibility with tear gas agents; Ejection function: The ejection state is liquid spray, operating in tailwind conditions at wind speeds below 2 m/s, achieving an effective ejection range of 5 m and an ejection velocity of 0.7 g/s; Applicable temperature range: -30°C to 45°C.





High-Intensity Flashlight

[Model:SRD type/SHH]

Appearance: The surface is smooth, free from scratches, wear, burrs, or oil stains. Both the lens and reflector are polished and free of marks. The front of the high-intensity flashlight features a police emblem and the words "POLICE" in bold black type, with a height of 5mm, in compliance with GA244 standards. The back displays a charging port logo and the words "high-intensity flashlight" in bold black type, also 5mm high. The emblem, text, and logo are laser-engraved, ensuring clear, symmetrical patterns and markings. The handle has distinct grooves without dents, and the hanging cord shows no scratches or weaving defects. All plastic components are burr-free, and the equipment is complete, tightly assembled, and easy to operate. The charger is clean, smooth, and free from rust.



New Standard High-Luminosity Flashlight

[Model:S1 RD]

External dimensions: $\varnothing 26 \times 150$ (mm)

Battery capacity: 2200mA

Bulb service life: 100,000 h

Brightness: 100 lumens

Continuous high-intensity illumination: 5 hours

Battery lifespan: 1000 repeated charge cycles

It provides high-brightness illumination, features an attack head at the front end, and possesses functions such as pain-inducing attacks, subduing effects, waterproofing, pressure resistance, and impact resistance.



New Standard Tactical High-Light Flashlight

[Model:S2 RD]

Diversified smart charging methods: supports plug-in wall charging, vehicle charging, or computer-connected charging; built-in protection circuit for rechargeable lithium-ion batteries.

Compatible with standard AA and AAA batteries;

Features a 4-cell battery level monitoring function;

One-touch flash switch design for instant activation in any mode;

Waterproof, drop-resistant, and anti-rolling structure.



Police Thermal Water Bottle

[Model:HRD]

Height: 20cm

diameter : 7cm

Volume: 0.5L

Material: Stainless steel

Features: Utilizes stainless steel inner and outer tanks. Features pressure-resistant sealing and excellent vacuum insulation performance.

Implementation standard: GA 887-2010 Police Water Bottles



Multi-Functional Belt

[Model:YD-P-RD] (Leather)

[Model:YD-NL-RD] (Ni Long)

Specifications: Main (horizontal) belt width: 1100~1400mm

Accessories included: ① Handcuff case ② Walkie-talkie case ③ High-intensity flashlight case

④ Police work kit ⑤ Police water bottle cover ⑥ Police baton cover ⑦ Pistol cover ⑧ Tear gas spray cover ⑨ Magazine cover

Can be configured according to customer requirements

Color: White, Black

Weight: ≤ 1.8 kg

Implementation standard: GA889-2010 Police Multifunctional Leather Belt

Inspection number: Gongjingjian No.1370020;

GA890-2010 Police Multifunctional Nylon Waist Belt





New Multifunctional Belt

[Model:YH RD]

Key materials: waterproof Oxford fabric, Velcro, engineering plastics, etc. (metal die-cast or special plastic fasteners available).

Functional features: The inner and outer belts are securely fastened with nylon 魔术粘合剂, ensuring a snug fit and preventing slippage. This design facilitates component extraction, resulting in a more secure and well-aligned belt assembly. The length and component positioning are adjustable, with excellent breathability, easy washing, quick drying, and comfortable wear.

It is suitable for police officers' daily duty, patrol, and encirclement operations in practical scenarios.



Multifunction Digital Display Emergency Power Supply for Police Use

[Model:DY01-RD]

The multifunction digital display emergency power supply for police use is designed for emergency starting ignition of vehicles with 5.0-liter displacement engines and provides supplementary power to most 5V universal electronic device interfaces.

Operating instructions: Power supply charging: Use a MicUSB charging cable to charge this device.

Charging: Use a MicUSB-powered charger to charge this device for 12V vehicle ignition.

1. Connect the factory-configured power clip to the positive and negative terminals of the vehicle power supply, with the red terminal connected to the positive terminal and the black terminal connected to the negative terminal.
2. Insert the EC part of the power clip into the corresponding port of the power supply and place it flat.
3. Enter the vehicle and start the engine. After successful ignition, exit immediately to disconnect the power supply and remove the power terminal clamps.
4. Store the power supply and accessories properly.

Emergency charging of police equipment

1. Suitable for emergency charging of various single-pole equipment;
2. Police body-worn cameras and night vision recording devices;
3. Recharge of walkie-talkies, frequency interference testers, and detectors;
4. Counter-terrorism, criminal investigation, traffic management, and electronic device charging;
5. Police communication devices, mobile law enforcement terminals, and laptop charging;
6. Charge the mobile ID card reader and laser rangefinder;
7. Lighting and warning systems for field police operations during disaster relief;
8. Instantly start the car battery for police convenience services;

The product features built-in magnets on its back, enabling secure attachment to any metal surface.

Police Equipment Kit

[Model:ZBB-RD01]

The police equipment bag is made of flame-retardant Oxford fabric, which is convenient to use, can be carried on both shoulders or by hand, and features flame resistance, rainproof, dustproof, and wear resistance.

Implementation standard: GA888-2010 Police Equipment Kit

police

POLICE

Police Equipment Kit

Police Emergency Kit

[Model: JJB-RD01] Material: Black Membrane Leather

Configuration: The package contains nitroglycerin tablets, Yunnan Baiyao bandages, rubber tourniquets, sterile gauze pads, emergency bandages with pads, mouth-to-mouth breathing membranes, alcohol disinfection tablets, antibacterial wet paper pads, small scissors, pins and other medicines and equipment.

Implementation standard: GA891-2010 Police Emergency Kit



Police Baton

[Model: RD-JS-04] Color: Black, Military Green

Length: 5m/8m

Customized standard for police rope execution based on customer-required length: "Q/RD-JS-2013 Police Rope"



Portable Fire Extinguisher

[Model:RD-PFE01]

Length: 242MM

Maximum radial dimension: 53 MM

Net product weight: 500G

Net weight of fire extinguishing agent: 50G

Ejection time: ≥8 seconds

Maximum fire suppression energy efficiency: 13B (0.41)

Valid for 4 years





Gun Steel

[Model:QG-1T-RD]

The product is manufactured from premium steel, featuring refinement, flexibility, durability, and safe usability. It is compatible with Type 54, Type 64, Type 77, and Type 92 firearms for carrying. It effectively prevents firearm loss or theft. The draw mechanism ensures convenient and flexible operation.



Metal handcuffs

[Model:SK-T-J-RD]

Material: 65mm high-carbon cold-formed steel plate

Weight: ≤500g

Implementation standard: GA172-2014 Metal handcuffs



One-Time Manual Copy

Single-layer plastic, standard double-layer plastic, anti-pulling double-layer plastic



New Type Single Police Handcuffs

[Model: KIRD]

Weight (g): 215g

Minimum opening size: 55 mm

Ring diameter size: 50mm-80 mm Total length: 240±3mm

Cuff points: 21

Material: Titanium alloy



Multi-Functional Chain Handcuffs



Lightweight Ankle Cuffs



Thumb Copy



Chain Handcuffs



Lightweight Handcuffs for Hands and Feet



Handcuffs

[Model:SK120-B-RD]



Severe Limb and Hand Shackles



Heavy Shackles

[Model:JL590-L-H-2KG-RD]

The screw-type metal ankle cuffs are equipped with interlocking keys.

The outer surface of the metal ankle cuffs is smooth, free from defects such as edges or burrs, with all connection points featuring rounded edges. The paint coating is uniform, without bubbling or peeling.

Phenomena such as drop-off. The left and right leg cuffs of the metal leg irons have identical shapes without significant curvature.

Weight: 2.16kg;

Button-type,H: 85mm, B: 90mm

Flexibility: The key can naturally insert into the lock core of the metal leg irons, with smooth insertion and removal, enabling flexible opening and locking, and ensuring smooth rotation at all connection points.

The locking fasteners of metal leg irons shall be opened using specialized tools. The paint film adhesion on painted components shall not be lower than Grade 4, and the anti-pulling-off working time shall not be less than 2 minutes.

Lateral and longitudinal static tensile test of leg irons: On the same metal leg iron, the reed-type metal leg iron was subjected to 2500N longitudinal static tensile force and 2500N lateral static tensile force in a locked state for 30 seconds, respectively. The metal leg iron remained closed without opening, and no permanent deformation or cracks were observed after the test.

Durability: The metal leg irons must withstand no fewer than 3,000 cycles of operation.

Corrosion resistance: The corrosion resistance rating of metal leg irons is Class 7 (spray cycle: 8H)

Implementation standard: GA/T237-2005 Metal Leg irons



Anti-Theft Bracelet

The back features magnetic suction direct charging and a QR code for convenient charging. The green light flashes during charging and remains on after full charging.

Anti-theft, anti-smash, anti-pry, dustproof and waterproof with IP67 rating.

The external front features a waterproof speaker hole.

During alarm activation, red and blue lights alternate between flashing and strobe patterns, with the alarm sound reaching 95 decibels.

The housing is made of defense-grade engineering nylon material, with a red light flashing during under-voltage conditions.

Sleep Mode: Enters power-saving sleep mode when not connected to a mobile phone, with standby operation lasting up to 180 days. The anti-fugitive handcuff device chip connects to the mobile phone, allowing control of power on/off and adjustable range settings (near, medium, or far: 5-20 meters). When the prisoner leaves the designated perimeter set by officers, the anti-fugitive handcuff device triggers high-decibel alarms and flashing warning lights, while simultaneously sending voice alerts to officers' phones with the message "Arrest fugitive."

The back features a QR code for mobile scanning, allowing a single officer to supervise four inmates simultaneously, making escape impossible.



Wireless Remote Control Electronic Foot镣

[Model:RD-WXDJK]

The wireless remote-controlled electronic leg restraint is primarily used for: law enforcement officers apprehending criminals, preventing criminal fights, long-distance escort, prisoner transfer between prisons, extrajudicial labor, guard duty, medical visits, and court hearings.

Main unit operating voltage: 7.4V (DC)

Electrical shock voltage: 15KV-30kV (pulse)

Battery capacity: ≥700mAh

Charging voltage: 9V-12V (DC)

Charging time: 5h-10h

Charging current: 50mA-200mA

Remote control range: 100m-200m

Remote control operating voltage: 8V-12V

Continuous standby time of the host: ≥72h

Lock pull: over 1000N

Waterproof and rust-resistant: Locks and keys must possess rust-proof functionality to remain permanently rust-free.

Lock core: Features independent design and is not interchangeable with any handcuffs or leg irons.





Satellite Tracking and Positioning Platform System

Charging: Utilizes direct charging technology with a normal operating duration exceeding 75 hours;

Location function: Determines the real-time location of a person through satellite, base station, or Wi-Fi positioning. GSM frequency: 850/900/1800/1900 MHz. 2G/3G/4G frequency: 2G frequency.

GPRS:Class12,TCP/IP

Battery capacity: 1500mAh

Battery supply voltage: 3.3V-4.2V

Battery-powered current: 2A

Battery charging time: over 5 hours

Operating temperature: -20 to +70°C

Working humidity: 20% -95% RH

Electronic Map: View the geographical location and status of personnel on the map.

View the terrain, topography, nearby buildings, and street views of the user's current location.

Trajectory Query: The system enables tracking of movement trajectories for personnel and electronic ankle straps.

Electronic fence: Set up designated restricted zones to control access areas. The management platform will trigger alerts if personnel exceed the predefined boundaries.

Alarm notification: When battery level drops below 20%, the system will trigger audible alerts, visual displays, and text notifications to provide support.

Status display: The system displays the current device's battery level, location method, real-time location, and other status information.

(The handheld terminal has the same functions as the command center).



Police Full-Body Restraint Belt

[Model:YSD-L-RD01]

The police restraint harness is a specialized restraint device comprising three components: wrist restraints, elbow-arm restraints, and ankle restraints, constructed from high-strength nylon fibers or Oxford woven materials. Characterized by exceptional durability and high safety ratings, its lock mechanism features a naturally sealed design with superior anti-pulling functionality. The chain-linked handcuff structure, lacking internal pivot points, provides robust anti-prying capabilities. The multi-lock hole chain configuration expands restraint coverage, effectively preventing scenarios such as suspect escape attempts, self-harm, or police assaults. This humanized restraint approach enhances supervision standards, improves safety metrics, and reduces operational risks.

Accident liability rate. The product fully complies with GA814-2009 requirements for belt material: nylon or selected according to user specifications. Standards serve as the ideal instrument for public security officers to restrain criminal suspects.

Bandwidth: 50~60.3(mm)

Specifications:S, M, L

Quality: 1kg

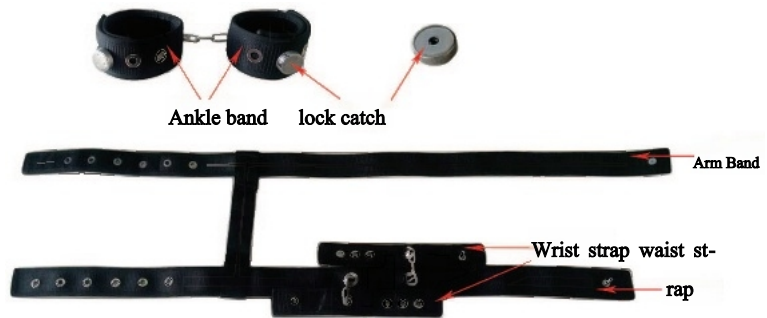
Tensile strength: 4000N

Adjustment method: single-hole adjustment

Lock type: snap-fit type/magnetic suction cup

Implementation standard: CGA814-2009 Police

Restraining Belt



Cortical Limb Restraint Band

[Model:RD-YSD06]

The main strap of the restraint belt is made of leather material, and the auxiliary strap is also made of leather. The tensile strength exceeds 270 kg.

Primary color: Black

Function: Strong binding force, resistant to fracture, and easy to use

Specifications: Master tape length 113 cm, width 40 mm, thickness 2 mm

The wire diameter of metal fasteners is 2.5 mm, and the metal pin fasteners are 47*47 mm.

Usage instructions: The restraint belt is primarily a police equipment used for civilized law enforcement. During application, the law enforcement officer should secure it around the suspect, or the suspect may also fasten it themselves. Both ends of the belt must be threaded through the buckles and aligned to prevent the suspect from removing the restraint independently.





New Type of Leg Restraint Band

[Model:RD-YSD05]

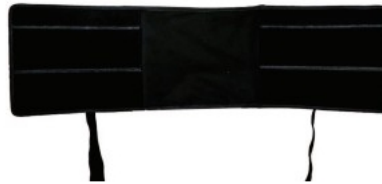
Foot binding: total length 90 cm, total width 26 cm; band length: 150 cm, band width: 4.7 cm;

17.5cm, Insert Pocket Width: 17cm; Adhesive Fiber Width: 5cm;

Weight: 0.6kg;

The Velcro strap is made of non-invasive infant material.

Pocket length:



New Beam Arm Constraint Belt

[Model:RD-YSD04]

A novel restraint device designed for rule-of-law societies with enhanced "humanization," suitable for handling "flexible emergency situations." It features simple operation and provides secure, reliable restraint.

The belt: total length 151cm, total width 50cm;

Bag length: 22 cm, bag width: 23 cm;

Band length: 355 cm, band width: 5 cm;

Insertion pocket length: 22.5 cm, insertion pocket width: 20 cm;

Bag adhesive hair length: 22 cm, bag adhesive hair width: 5 cm;

Product weight: 1.8 kg

Features: The hook-and-loop fastener uses baby-friendly non-dissolvable type



New constraint blanket

The restraint blanket is a new type of restraint equipment with great humanization. When law enforcement officers deal with "flexible incidents", it can not only restrain the behavior of suspects, but also maintain their dignity in law, and can also be used as a soft stretcher for rescue in the event of natural disasters, traffic accidents and other accidents.

Features: The use of heat-resistant hook-and-loop fastener material, which undergoes special treatment, exhibits flame retardancy, high-temperature resistance, soft texture, and non-irritating properties. It not only achieves basic adhesion and fixation but also protects the skin without causing environmental pollution.

Total length: 160cm; Width: 185cm;

Headrest length after trimming: 129 cm, edge burr width: 40 cm;

Headrest width: 64cm; Belt length: 130cm, width: 5cm; Weight: 3.7kg



Oxford Limb Restraint Band

[Model:RD-YSD02]

Material: Oxford fabric

Size: Standard Code

Indications: Capacity for restraint

Tensile strength: 4000N

Weight: 1 kg



Restraining hands and feet; police restraint straps shall have a flat, smooth surface with uniform coloration and no scratches.

Defects such as sharp fusiform angles. Smooth and neat connections at all sites.

Structural dimensions: The restraint belt consists of a nylon woven belt and connecting chains for the left and right wrist straps. It has a width of 50 mm and an adjustable length ranging from 800 mm to 1075 mm, with adjustment achieved through adhesive fastening.

Constraint Blanket

[Model:YST-RD]

The restraint harness is an innovative restraint device designed with human-centered principles. When law enforcement officers handle "soft incidents," it not only effectively controls suspects but also safeguards their legal dignity. Additionally, it serves as a flexible stretcher for emergency rescue operations during natural disasters, traffic accidents, and other unexpected situations. Since its market launch, this product has gained widespread adoption due to its practicality and versatility.

Fabric: 1680DPU

Size: 171.5*100(cm)

Weight: 3.5 kg



camisole

[Model:YSY-RD]

Restraint clothing, also known as protective gear, is primarily used for prisoners, drug addicts, intoxicated individuals, and psychiatric patients. Its application facilitates smoother work or therapeutic procedures by securing patients to prevent self-harm or harm to others. The garments allow hands to be either wrapped behind or restrained in front, effectively preventing patients from attacking or damaging their own hands. Binding techniques must adhere to specific principles to minimize injury risks. Available in winter and summer variants, the products are constructed from imported mesh fabric in black, gray, and other breathable, ultra-tough tear-resistant filter fabrics.





Stainless Steel Restraint Bed

This medical device model is primarily designed for medical-police restraint beds. It is a patented product meticulously engineered and developed by our company's design team. The product is manufactured entirely from high-quality industrial stainless steel material (Grade 304) compliant with national standards, featuring a streamlined appearance, simple operation, robust durability, and rust resistance. Suitable for individuals of various body types, it boasts rational structural design and ensures secure, reliable fixation.

dimensions :

Overall length of the bed frame: 200 cm, width 120 cm;

The height from the bed surface to the floor is 50cm, the height of the head of the bed is 98cm, and the height of the foot of the bed is 66cm.

The wall thickness of the tube is labeled as 2.0 mm for industrial tubes, while the thickness of the tabletop stainless steel plate is labeled as 1.8 mm for tabletop stainless steel.

The plate thickness is labeled as 1.8 mm, while the head of bed stainless steel tube thickness is labeled as 2.5 mm.

Color: Stainless steel matte

Weight: 80 kg



Wine Sobering Chair

Material: Iron alloy + genuine leather soft padding

Dimensions: Width 560mm, Total height 1020mm, Front-to-back length 1800 mm

Features: A fully soft-packaged sobering chair refers to a fixed iron chair with soft padding applied to the front panel and armrests, while only the legs, chest, and arms are secured with adjustable straps, rendering the occupant immobile upon sitting.



Interrogation Chair

Material: Iron tube

Dimensions: Width 560mm, Total height 1020mm, Front and rear width 680mm.

Features: Made of iron tubing, coated with furniture-grade paint, with both hands and feet securely fastened. Equipped with a rear safety belt to prevent head forward tilt-induced self-injury. One key opens two locks, offering advantages such as greater weight compared to wooden counterparts, extended durability, and enhanced safety.



Interrogation chair (metal)

Material: Metal

Dimensions: Width 560mm, Total height 1020mm, Front-to-back length 680mm.

Features: Heavy weight, full seam welding, robust and durable construction. The upper part of this chair is equipped with handcuffs and can also be fitted with other U-shaped locks.



Interrogation chair (stainless steel)

[Model: RD-SXY01]

Material: Stainless steel

Dimensions: Width 560mm, Total height 1020mm, Front-to-back length 680mm.

Features: This chair is thicker and heavier than iron materials, featuring full seam welding for durability. It comes with handcuffs on the upper part and can be equipped with other U-shaped locks.



Interrogation Chair (imitating Rosewood)

[Model: RD-SXY02] Material: Redwood imitation
 Dimensions: 560mm wide, 1020mm tall, and 680mm in length from front to back.
 Features: Lightweight, durable



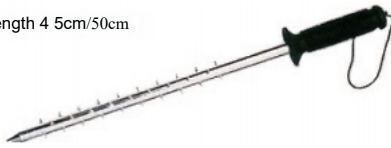
T-Shaped Telescopic Steel Rod

[Model:TSS-RD]
 Material: Steel
 Dimensions: Extended length 605 mm, Retracted length 330mm
 Weight: 970g



Steel Wolf Tooth Rod (Bank-Specific)

[Model:G RDO5]
 Material: Steel;
 Size: Diameter 28mm,Length 4 5cm/50cm
 Handle: Rubber
 Color: Black



Wolf Tooth Rubber Police Baton

[Model:RD-001]
 The special police steel rod rubber baton measures 470 mm in length with a handle diameter of 30 mm.
 Length: 490 mm, Handle diameter: 33 mm
 Length: 500 mm, Handle diameter: 35 mm



Special Police Steel Rod Rubber Police Baton

[Model:RD-011]
 Length: 630 mm, Handle diameter: 35 mm



Rubber Long Baton

[Model:RD-021]
 Length: 75,85,95(cm)



Anti-Terrorism Steel Rod Rubber Police Baton

[Model: RD-018] Length: 546 mm, Handle diameter: 30 mm



Straight Rubber Baton

[Model: RD-004]
 Length: 500mm
 Diameter: (handle) φ30mm



Cantonese Rubber Baton

[Model:JG-RD009]Length 510mm,Handle ø 2 8 mm



Detection Number: Public Police Inspection (Commission) No.1350295

PU American Police Baton

[Model:RD-022]



T-Shaped Rubber Baton

[Model:TJG-RD]
 Length: 610 mm, Handle diameter: φ30 mm
 (Detection number: Gongjingjian No.1031194) Length: 560 mm, Handle diameter: φ31 mm



Plastic (ABS)

Riot Baton
 [Model:RD-023]
 Length: 45/50/535/550/600/850/120 cm



Police individual equipment



Keychain-Style Tear Gas Spray

[Model: CRD]

Volume: 20 mL

Specifications: φ35*99 (mm)

Ejection shape: aerosol

Ejection method: continuous

Continuous jetting time: ≥5S

Ejection distance: 1.5 m (water column shape)



Lipstick-Style Tear-Inducing Spray

[Model:CRD]

Ejection shape: aerosol

Ejection method: point injection

Ejection method: continuous



Police Tear Gas Sprayer Series

[Model:CRD type]

Volume: 40mL, 60mL, 90mL, 110mL;

Specifications: φ35*95mm(40mL)

φ35*118mm(60mL)

φ35*132mm(90mL)

φ35*150mm(110mL)

Ejection shape: mist/water jet;

Ejection mode: Continuous;

Continuous injection time: ≥5s (40 mL), ≥8s (60 mL), ≥10s (90 mL), ≥15s (110 mL)



Export Tear Gas Spray Series

[Model:CRD]

Volume: 20 mL

Specifications: φ35*99 (mm)

Ejection shape: aerosol

Ejection method: continuous

Continuous jetting time: ≥5S

Ejection distance: 1.5 m (water column shape)



Type 99 Special Police Combat Training Vest

[Model RDZ03]



Tactical Vest

[Model RD-TJBX04]



Type 99 Special Police Mesh Combat Training Vest

[Model RDZ04]



Tactical vest (with optional bulletproof insert)

[Model RD-ZSBX05]



New-Style Armed Police Jungle Camouflage

[Model RD-ZSBX06]



Tiger-Print Camouflage Tactical Vest

[Model RD-ZSBX06]



Special Metal Buckle Outer Belt (5cm)

[Model:YD-RD]



Instructor Outer Belt (38mm)

[Model:WYD-RD]



Specialty Plastic Buckle Inner Belt

[Model:JYD-RD01]



Weave inner belt

[Model: RD-NYD02]

Material: Oxford
Material of belt buckle: Alloy
Waistband fastening method: round buckle
Specifications: 110-140 (cm)
Color: Black
Weight: 0.3 kg



Tactical Waist Seal

[Model: RD-YD02] Color: Camouflage, Black with body fracture strength $\geq 4000N$ and buckle combination strength $\geq 1000N$



Type 99 Special Forces Combat Boots

Features: The latest carbon-based rubber sole with anti-slip technology, combined with innovative slip-resistant design, ensures the shoes operate silently without generating friction noise.



Type 99 Special Forces Combat Cotton Boots

The high-top shoes feature durable rubber soles, designed for both urban and outdoor combat training.





07 Combat Boots

Uppers: Cowhide + mesh fabric
Lining material: Gore-Tex
Insole material: EVA foam
Midsole material: rubber midsole
Outsole material: vibram rubber



Type 99 Training Shoe

[Model:ZXX-RD01]
Material: Special canvas, sole made of special rubber



Training

[Model:RD-ZSX02]
Materials: Special canvas and special rubber combined with soft leather, with ultra-strong rubber used at the bottom.



Type 07 Combat Boots

[Model:RD-X03]
Material: High-quality cowhide backing with wear-resistant rubber



Combat Gloves

[Model:RD-ST03]



Combat Gloves

[Model:RD-ST01]



Black Hawk Combat Gloves (Full Fingers)

[Model:RD-ST05]



Black Hawk Combat Gloves (Half-Finger)

[Model:RD-ST05]



OJ Combat Gloves (Half-Finger, Full-Finger)

[Model:RD-OJ007]



Super Technician Tactical Gloves

Super Technician Tactical Gloves

[Model:MECHANIXM-PACT half finger]

[Model:MECHANIXM-PACT All-finger]

TreDry quick-drying fabric ensures breathable, dry, and comfortable hands; dual-layer wear-resistant leather protection for the thumb and thenar area enhances durability.

0.5mm ultra-thin wear-resistant faux fur fabric with lightweight texture, providing a snug fit for the hand for flexible movement; nylon loop for easy glove insertion/removal or compatible with 8-shaped buckles for convenient and secure fastening.

Implementation standard: Our company issues a product quality inspection certificate.



Special Police Anti-Terrorism
Helmet

[Model: T-RD]

Color: Black

Material: Pure cotton fabric, milk silk fabric



Rigid Elbow and Knee Braces

[Model:RD-HYHJ01]

Material: Reinforced Oxford nylon fabric

The new Type 99 combat protective gear features a main body, protective panels, and dual fasteners. The main body is molded into a spherical curved shape using inner lining fabric, cushioning pads, and outer fabric, with a bowl-shaped anti-expansion section at its center. This design offers superior shock absorption and cushioning performance, expands the protection zone, ensures flexible joints without pressure, and is ideal for prolonged physical activity. The curved profile of the main body ensures optimal fit for knee and elbow protection during real-world movements, delivering exceptional comfort and seamless body adaptation. It provides effective elbow and knee protection for special forces operations and official duties, significantly enhancing combat efficiency.

Type 99 Special Police Elbow and Knee Guards

Material: Polyurethane protective shell with high-elasticity EVA lining

Function: Comfortable and flexible wearability, available in soft and rigid versions



Diamond Armored Elbow and Knee Protector

[Model:HZHXR-T]

Material: High-elasticity EVA high-density foam, lightweight TPU and Cordura nylon, with CoolMax lining. Colors: Black, CP camouflage, ACU camouflage, Sand, Military Green.

Weight: 550g/ pack

Dimensions: Elbow pads 17*14*7 (cm); Knee pads 19.5*16*8.5 (cm)

Features: The latest compact knee brace design ensures convenient wearability and enables faster, more precise movements.

Lightweight and flexible, this innovative design delivers exceptional protection and shock absorption while adapting to your body's movements.



Genuine Leather, Oxford-Style Armpit Gun Holster





Leg-binding gun holster

Type 92 Leg Mount Gun Holster

Die Casting Leg Binding Gun Cover

Special Police Combat Training Leggun Holster Combination



Type 64 and Type 77 Pistol Waist Sleeves

[Model: W61-01 Top-grain Cowhide]



Type 92 Pistol Quick-Release Anti-Grabbing Cover

[Model: 92C-Y Military-grade Nylon]



Type 64 Pistol Quick-Draw Anti-Grabbing Cover

[Model: 64C-Y Military-grade Nylon]



Type 64 and Type 77 Pistol Waist Sleeves

[Model: W64-011680D Oxford Cloth]



Type 92 Pistol Quick-Release Anti-Grabbing Cover

[Model: 92S-T Military-grade Nylon]



Type 92 Single Bullet Jacket

Military-grade nylon



Type 92 Pistol Waist Protector

[Model: W91-01 Top-grain Cowhide]



Type 92 Pistol Waist Protector

[Model: W94-011680D Oxford Cloth]



Type 92 Pistol Waist Protector

Model: W33-01 Top-grain Cowhide



Left Revolver Waist Holster

[Model: W34-021680D Oxford Cloth]



Plastic-Coated Steel 64/77 Gun Holster

Model: W61-10 Top-grain Cowhide



Plastic Steel 92/92 Modified Gun Cover (Dual Lock)

[Model: W91-10 Top-grain Cowhide]





Plastic-Coated Steel 64mm Bulletproof Jacket

Oxford cloth, top-grain leather



Plastic-Steel 92mm Bullet Jacket

[Model: WW91-09 Top-grain Cowhide]



Special Police Combat Training Anti-Narcotics Mask Kit

[Model: RD-MJB01] Fabric: Nylon filament waterproof canvas

Structure: Composed of a main bag, left and right side bags, a front bag, left and right insert loops, a rear panel, and a snap closure bag, with all bag openings secured by zippers. The gas mask bag features a single-layer structure.



Special Police Mother-Child Combat Training Backpack

[Model:RD-ZMBO]

Material: 1800D waterproof and breathable fabric
Features: Designed based on ergonomics, the backpack offers comfortable wear and provides massage effects on the lumbar region to alleviate weight-bearing sensations.



Special Police Combat Training Multi-Functional Package (Type 99)

[Model:RD-DGNB01]

Material: Black nylon filament waterproof canvas. Structure: The multi-functional bag consists of a cover, side walls, and a rear panel. The cover opens from the right side of the bag along the upper and lower edges to the left.



Portable Equipment Pack

[Model: ZZB-RD06]

Material: Oxford fabric

Dimensions: 230*250*80(mm)

Weight: 0.8 kg

Mainly stored equipment: handcuffs, first aid kits, batons, high-intensity flashlights, police water bottles, tear gas sprayers, walkie-talkies, and cut-resistant gloves.



Special Police Attack on Sharp Objects

[Model:RD-TJGJB]

Material: 1000D military-grade nylon fabric with water-repellent properties

Specifications: Height 50CM*Width 36CM*Thickness 2.0CM

Capacity: 40 liters

MOLLE Suspension Backpack System: The weight-reducing backpack system distributes load evenly to minimize pressure on both shoulders. Multiple external straps allow attachment to tents and sleeping bags. All straps, including waist and shoulder straps, are made of nylon for enhanced durability and wear resistance.





Bike Equipment Bag

[Model:ZZB-RD04]
Oxford cloth fabric, resistant to rain, dust, and abrasion, is used for the unified storage of bicycle equipment.



Training Equipment (handlebars, Pedals)

[Model:XL-RD-2M/N]



Boxing Glove

[Model:XL-RD01]



Sanda Protective Gear

[Model:SHJ-RD]



Solid Sandbag

[Model:XL-RD03]

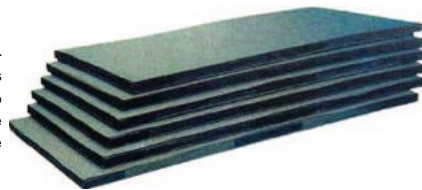


Cortical Police Document Bag



Sanda Mat

[Model:XLDT-RD]
Dimensions: 200*100*5cm
The padding core is made of 20p high-elasticity EVA foam, while the canvas outer layer is secured with Velcro fasteners. The configuration can be flexibly adjusted according to the venue size.



"81" Rubber Training Model Gun

[Model:XLQ-RD-81]



"Type 64" Rubber Training Model Gun

[Model:XLQ-RD-64]



"May 4th-style" rubber training model gun

[Model:XLQ-RD-54]



"Type 95" Rubber Training Model Gun

[Model:XLQ-RD-95]



Left-Hand Revolver Rubber Pistol

[Model:XLQ-RD-ZL]



Type 92 Rubber Training Model Gun

[Model:XLQ-RD-92]



79 Type Rubber Training Model Gun

[Model:XLQ-RD-79]



Rubber Dagger

[Model:XL-RD-BS]



Rubber Hand Grenade

[Model:XL-RD-SLD]



Rubber Axe

[Model:XL-RD-FT]



Rubber Kitchen Knife

[Model:XL-RD-CD]



XQF-SDOI Dog Training Suit

Material: Cowhide
Size can be customized according to customer needs



橡胶砖头

【型号：XL-RD-ZT】



SDXA-2Q1 Tumbler Boxing Bag

Material: High-density PU leather
Sandbag size: 90cmx ϕ 28cm
Base size: 70x ϕ 50cm





Handheld Resident Identity Card Reader

[Model: CVR-100P]

Radio frequency technology: Compliant with GA1153-2014 "General Technical Requirements for Handheld Resident Identity Card Readers". Operating system: Android 4.4/5.1 (optional based on actual requirements).

Operating frequency: 13.56MHz ±7kHz

Product interface: USB2.0, Bluetooth 4.0, WiFi

Mean time between failures: >5000h

Power source: 5400mAh lithium battery

Product dimensions: 85*18*170mm (maximum thickness: 30mm)



Card reading distance: 0-2 cm

Reading time: ≤1.5s

Product weight: 0.453 kg

characteristic :

Main frequency: quad-core, 1.5GHz

Memory: 1GB

Internal storage: 8GB

Expansion card: 1 TF card slot, supports up to 64GB

Display: 5-inch capacitive touchscreen with 1280×720 resolution (HD 720P)

Camera: Rear 5-megapixel

WiFi: supports 802.11b/g/n, maximum speed 54Mbps; supports 802.11i: AES, TKIP, WEP, WPA, WPA2

Bluetooth: BLE4.0, IEEE802.15, compatible

RFID: complies with ISO/IEC 14443 Type A/B protocol standards

ID card reader: Supports reading resident ID information and includes a built-in security control module for ID verification

Fingerprint scanner (optional): Semiconductor fingerprint sensor

USB interface: 2.0HS, Micro USB, transfer, debugging, support OTG

Card Reading: The built-in contactless reader can capture text, photos, and fingerprint information from ID cards. With a fingerprint recognition module resolution of 500dpi and integrated fingerprint comparison algorithms, it ensures identity verification consistency between individuals and their credentials.

Single-contrast fingerprint recognition: Semiconductor pressure sensor, standard image size: 256*360 pixels, effective acquisition area: greater than 14.25*19.3 mm²

Antenna energy output: Electromagnetic field strength on the antenna surface (Hmax) ≤7.5 A/m rms, and electromagnetic field strength in the normal direction of the antenna surface at maximum card reading distance (Hmin) ≥1.5 A/m rms



Single Police Officer Law Enforcement Audio-Video Collection Station

[Model: JS-001]

- 1、 The law enforcement recorder information acquisition workstation is equipped with a built-in touchscreen, 4GB of RAM, and 8TB hard disk capacity, supporting connectivity for up to 20 law enforcement recorders. It features one RJ45 port and one USB port, and operates on a 220V power supply.
- 2、 The display features a 19-inch touchscreen with a resolution of 1280×1024 pixels.
- 3、 Features: The data collection workstation includes automatic file upload and automatic file deletion from law enforcement recorders, along with automatic time synchronization and charging capabilities for connected devices. It provides essential functionalities such as file classification by priority levels, photo transfer from collection stations to recorders for viewing, critical data protection, log recording, remote access and management, video format conversion, disk backup, and real-time information display.
- 4、 Implementation standards: GB16796-2009, Q/JSO01-2015.



4G Law Enforcement Recorder

- 1、 Processor: Quad-core 1.5GHz or higher;
- 2、 Operating system: Android 8.0 or higher operating system;
- 3、 GNSS performance: BDS BI, GPS LI C/A;
- 4、 Display: 3.5-inch Retina display with 320X480 resolution;
- 5、 Touchscreen: Supports true 5-point touch, operable with wet surfaces and gloves.
- 6、 Network type: Universal network, supporting 2G/3G/4G network systems of the three major operators: China Mobile, China Telecom and China Unicom, with adaptive GSM/WCDMA/TD-SCDMA/TD-LTE/FDD-LTE/CDMA2000 network systems;
- 7、 Storage: 16GB, expandable;
- 8、 Battery: 2700mAh,
- 9、 Dustproof and waterproof: IP68;
- 10、 Camera configuration: Triple-camera setup with a 4MP main camera offering >120° field of view, a 13MP secondary camera featuring autofocus, and a 2MP fixed-focus third camera. The host device also supports USB CAM connectivity via POGO PIN.
- 11、 Sensors: photosensitive sensor, distance sensor, 3D accelerometer, geomagnetic sensor.
- 12、 New bottom expansion interface: 5-pin, USB 2.0 or higher, supporting USB CAMs connected via this expansion port.
- 13、 Flashlights: Support red and blue flashing lights for nighttime law enforcement alerts, with a visibility range exceeding 10 meters at night.
- 14、 The entire product features a slim and lightweight design with a thickness of approximately 17mm (excluding the battery cover), weighing 114g for the slim version and ≤195g for the thick version.
- 15、 The dual-speaker design features a single speaker output of ≥1.2W.
- 16、 Supports synchronous online transmission for 4G/5G networks and is compatible with the Police Communication System.



Single Police Officer Law Enforcement Video Recorder

The DSJ-ROWY2 is an AI-powered intelligent law enforcement recorder that fully complies with the Ministry of Public Security's GA/T947-2015 standards. Featuring a high-capacity front-end recognition system and advanced algorithms for multi-feature analysis (including personnel and vehicles), it delivers reliable audiovisual data collection and integrated solutions for diverse sectors such as public security, traffic police, procuratorates, courts, fire departments (under the Ministry of Emergency Management), prisons, security services, urban management, agriculture and forestry, food and drug administration (market supervision), tourism, and insurance.





Information Integrated Collector

[Model:HA-BICS-V1.0]

1、Collecting table section

The cabinet features a three-section anti-collision structure design that can be interchangeably configured left or right based on field installation conditions in data acquisition rooms. It incorporates lightning protection modules to ensure operational safety for both personnel and equipment. The system integrates computer power control with USB expansion capabilities, industrial-grade host units, and an embedded fingerprint sensor platform for streamlined data collection while protecting devices from damage. The display unit supports omnidirectional rotation (up/down/lateral) and flexible camera height adjustment, complemented by an autofocus-enabled portrait imaging module.

Built-in second-generation ID card reader with audio capture functionality; embedded barcode scanning module supporting 200 scans per second and compatibility with all one-dimensional codes; OCR recognition-enabled forensic imaging system with calibrated measurement scales; integrated laser printer for document archiving; equipped with built-in temperature and humidity control system for direct blood and urine sample processing; rear-mounted movable door design for convenient equipment installation and calibration.

2、Body shape acquisition section

High-precision ultrasonic measurement technology; features dual-mode architecture supporting standalone or connected operation; integrated design for measuring height, weight, and foot length; available with wired or wireless transmission (maximum wireless range: 50m); includes automatic positioning function to detect standing posture; equipped with stretching capability and foldable design for mobile office use; customizable back panel replacement for aesthetic and functional flexibility.



The base facilitates multi-directional human body information acquisition; measurement results can be automatically displayed.

3、Software Section

The system features facial recognition and comparison capabilities. A facial capture device is used to instantly compare the on-site facial image of the subject with the second-generation ID card image, enabling identity verification and ensuring the authenticity of the held documents.

The system enables one-click collection of personnel information, automatically generating all data (including facial images, second-generation ID cards, voice recordings, fingerprint patterns, height, weight, and foot length) and consolidating them into a unified database. Within the "Facial Image Collection" module, the system features automated image cropping and subject name addition functions, ensuring standardized data collection while enhancing operational efficiency for frontline case-handling personnel.

Anti-Riot Digital Walkie-Talkie

The HP780 PDT Digital Explosion-Proof Terminal is an intrinsically safe explosion-proof device specifically engineered by Hytera for industries such as energy and petrochemicals, mining, firefighting emergency response, and airports. With its robust design and superior performance, it delivers secure, reliable, and efficient communication services even in harsh flammable and explosive environments.





Gun inspection barrel

[Model: YQT-RD]

Device: A metal gun inspection bucket, consisting of a bucket lid, bucket body, handle, and casters.

Material: High-carbon steel

Color: Black

Total height: 760(mm)

Bucket depth: 665(mm)

Wall thickness: 5(mm)

Bucket lid diameter: 500 (mm)

Tank diameter: 450 (mm)

Total weight: 50kg ±3kg



Bullet ejection reliability: The barrel was filled with 490 mm of fine yellow sand (with moist surface). The following firearms were sequentially used: 81mm rifle, submachine gun, and 9mm pistol, each firing one bullet into the inspection barrel. No significant deformation of bullet marks was observed after firing. **To ensure clarity:** After the firearm inspection bucket is in place, open its lid using a plastic handle. An appropriate amount of sand or similar materials can be loaded into the bucket. During police duty, officers may perform a cartridge ejection operation by aligning the loaded firearm within the chamber with the inspection bucket, followed by a count to verify quantity and ensure safety. Upon completion of inspection, the bucket lid may be closed. **Implementation standard:** "Q/Enterprise Standard or Technical Conditions"

recoil recovery device

[Model:RD-SDQ02]

The total length of the system is 984±10 mm, with a total height of 890±2 mm and a total width of 593±2 mm.

Total system weight ≤32kg

The length of the cartridge draw tube is 100±1 mm

The outer diameter of the cartridge is φ 149±2 mm.

The device is capable of fully collecting bullet fragments from revolver pistols, Type 54 pistols, Type 92 pistols, and Type 79/85 light submachine guns. It also collects ammunition fragments from Type 95 5.8 mm automatic rifles and Type 81 7.62mm automatic rifles. When firing at an angle of ±15 degrees relative to the cartridge collector's axis, the barrel wall should remain unpenetrated. The collection capacity for bullet fragments from Type 79/85 light submachine guns must exceed 50 rounds. **Product features:** Adjustable to 45-55° angle. Compatible with bullet fragments from revolver pistols, Type 54 pistols, Type 92 pistols, Type 79/85 light submachine guns, and Type 95 5.8mm/81 7.62mm automatic rifles.

Product specifications: Total weight ≤50kg per set, main body dimensions ≥910mm×410mm, inner diameter of main body bulletproof device 100mm±2mm. **Usage instructions:** Before use, ensure fine sand is loaded inside the main body (typically 300-500mm high), then insert the 20mm-thick rubber pad from the packaging box into the cartridge collector prior to operation.

Precautions: The rubber pad inside the bulletproof vest must be replaced after 3 to 5 live rounds of firing.



New Type of Forensic Evidence Storage Cabinet

[Model:RD-YS-150L]

This intelligent new-type constant-temperature refrigeration equipment features a wide temperature range of 2-48°C with customizable settings, making it particularly suitable for use in public security systems, judicial systems, criminal investigation systems, and forensic systems. It is ideal for the secure storage of temperature-sensitive biological specimens, forensic evidence, DNA samples, or any products requiring storage between 2-20°C. Equipped with dual locks, synchronized temperature and humidity control, and multi-level alarm systems, the unit has a capacity of 150L.

Temperature range: 2°C to 48°C

External dimensions: 595*570*865 (mm);

Weight: 47kg





Single Police Officer Equipment Cabinet

[Model:ZBG-RD01]

The single-police equipment cabinet is a specialized product developed by our company for the management and storage of individual police equipment. The cabinet body is constructed from 0.6mm to 1mm cold-rolled steel plates, enabling centralized and unified storage management. It can be divided into sections for practical and efficient retrieval.



Anti-Riot Equipment Rack

[Model:RD-FBQCJ]

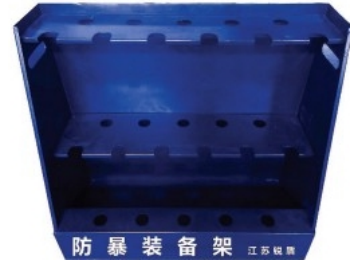
Material: Cold-rolled steel, width 76.3 cm, height 70 cm

Depth: 33 cm

Depth: 16 cm

Sheet thickness: 1.0 cm

Weight: 35KG



Intelligent Evidence Management System

- 1、 Electronic tags are used to uniquely bind physical evidence through a 'one item, one code' system. These tags can store evidence information with a lifespan exceeding 20 years, demonstrating resistance to pollution and operational capability in harsh environments.
- 2、 It enables batch rapid automatic identification and non-visual retrieval of multiple physical evidence without manual intervention; the case and physical evidence data items comply with the coding rules and standards for on-site investigation information of cases (incidents) by the Ministry of Public Security.
- 3、 Compatible with barcode management and supporting triple binding of electronic tags, physical evidence identification codes, and on-site physical evidence numbers.
- 4、 Users can customize the unit names of the physical evidence system and display them using the customized names on the login interface.
- 5、 Physical evidence and storage location information are linked in real time, providing instant alerts on evidence locations and graphical displays of usage and idle status for various storage devices.
- 6、 The physical evidence room environment can be arbitrarily divided into zones and freely combined according to management requirements; customized storage device configurations can be implemented, ranging from storage areas/storage rooms to individual storage device doors or compact cabinet layers.
- 7、 Supports various devices including standard physical evidence cabinets, smart cabinets, compact cabinets, and electromagnetic cabinets, with storage linkage functionality (requires hardware support).
- 8、 The system adopts a layered design pattern of UI-Facade-Data Access, utilizes standardized models, and features stable architecture with strong compatibility and scalability.
- 9、 The electronic tag RF acquisition terminal and high-definition image acquisition terminal can work continuously for 7X24 hours without failure.
- 10、 The system adopts embedded system design; utilizes low duty cycle, dynamic antenna switching, and active online electronic tag search technology.
- 11、 Supports PoE power supply mode for easy deployment and low-energy consumption with environmental benefits; interfaces comply with IEEE 802.3af standards.



Shield bracket

[Model:RD-FBP-ZJ]

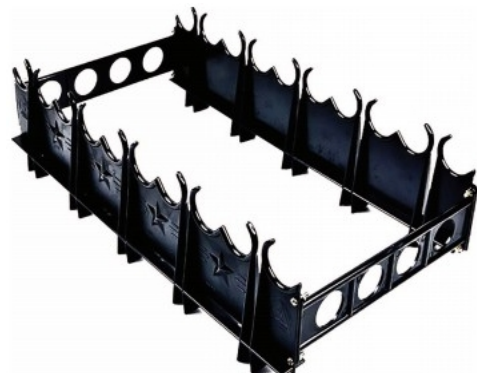
Specifications: 51*27*14.S (cm)

Material:PC

Weight: 0.2KG

Introduction: A single group can accommodate 10 rubber sticks and 5 shields. The shield stand supports multiple combinations, allowing the formation of two, three, four, or even more groups depending on the number of shields and available space.

Minimum order quantity: 6 sets/1 box, with a minimum order of 1 box.



Smart Ammunition Cabinet

[Model:QG/Z-I-JD1600A]

(1) Main cabinet body

- 1、 Enclosure specifications: Height 1600 mm × Width 1000 mm × Depth 500 mm ± 5 mm; Customizable
- 2、 The cabinet body shall be fabricated from low-alloy carbon steel, with the tensile strength of the steel plates and their welded joints being no less than 345 MPa. The thickness of the cabinet door steel plates shall not be less than 8 mm, and the thickness of the cabinet body steel plates shall not be less than 6 mm. The cabinet body shall be smooth without burrs.

(II) Electronic gun lock

- 1、 The intelligent electronic gun lock is a zinc alloy gun lock.
- 2、 Requirements: The gun lock must be rust-resistant and capable of withstanding over one million cycles of use. Electronic gun locks should incorporate anti-drilling and anti-prying features, with each lock equipped with an independent mechanical backup mechanism. The gun cabinet door must be accessible via encrypted network commands to facilitate rapid deployment in emergencies, supported by dual fingerprint or password combination unlocking. The lock must include firearm presence detection functionality, utilizing a combination of mechanical and infrared sensing modules to automatically verify electronic lock status, accompanied by clear visual indicators of lock activation/deactivation. Real-time firearm presence monitoring can be accessed through both front-end control consoles and backend systems at the gun cabinet entrance.
- 3、 Network communication requires a connection using TCP/IP network encryption.
- 4、 Electronic and mechanical dual lock opening method.
- 5、 Each individual electron gun lock requires independent modular design, with each electron gun lock necessitating separate circuit board control. A single malfunctioning electron gun lock can be deactivated without affecting the operation of other electron gun locks.

(3) Gun lock and gun position

The gun mount must be installed using a full-row embedded configuration, allowing flexible layout and customizable combinations. Surface treatment is required to ensure rust and corrosion resistance, with the electronic gun lock and friction contact areas between the gun and mounting components guaranteed to remain rust-free without compromising structural integrity. The mount should feature a specially designed stock that accommodates vertical alignment with various firearm models. Stock replacement must be user-friendly, requiring no professional tools or expertise. During normal operation, mechanical lock activation triggers intelligent automatic alarms. Upon supervisor approval, the gun mount lock can be unlocked mechanically while recording the exact unlocking time. When unlocking with a physical key, the system must initiate an alarm with clear visual alerts displayed on the front-end control software.

(4) Gun cabinet control system

- 1、 The control system must demonstrate robust anti-hacking and anti-virus capabilities. The front-end operating system requires ARM-based embedded control hosts, with X86 architecture hosts strictly prohibited. ARM hosts must utilize quad-core processors operating at a minimum clock frequency of 1.5GHz, running on Linux systems. The system must achieve rapid boot-up speeds, with power-on response time to operational readiness not exceeding 16 seconds. Equipped with a 12.1-inch LCD touchscreen featuring a simplified user interface, each operation step is accompanied by standard Mandarin voice prompts. The LCD display provides real-time operational status updates. The system incorporates fingerprint recognition and dual-factor authentication: when using fingerprint verification, the false acceptance rate must be $\leq 0.001\%$ while the false rejection rate should remain below 3%. The gun cabinet monitoring system utilizes infrared proximity detection (non-human movement detection) with intelligent contactless infrared sensors. High-definition cameras mounted on the cabinet allow video recording that can be stored locally or uploaded to backend servers. Video playback supports both local viewing on control consoles and remote access via server storage. Key functionalities include: ① Video capture of individuals approaching cabinet structures; ② Real-time recording of operator procedures.
- 2、 The cabinet video surveillance cameras must utilize CCD chips with infrared high-definition night vision capabilities, employing H.264 video compression encoding to minimize network resource consumption. The system's video recording functionality should support both standalone and networked modes. In standalone mode, video data is stored locally without server transmission, effectively conserving network bandwidth. During networked operation, video data is stored locally while simultaneously uploaded to the server, enabling dual backup for enhanced data security. It is imperative that neither standalone nor networked modes interfere with normal communication of other cabinet operations.
- 3、 The system features dual electronic and mechanical door locks for two-person operation. The main unit operates in dual mode (electronic + mechanical, secondary operation), automatically switching to mechanical mode during power outages. The cabinet must include backup power supply equipment with automatic switching capability. It requires power lines equipped with residual current devices (RCDs), and interfaces for access control, security, and network connectivity. The system must support offline resume transmission, proximity detection, anti-tampering, cabinet sealing, upgrade verification, and infrared-triggered status display.
- 4、 Power-on time: ≤ 16 seconds.
- 5、 Managing APP features: The management APP enables online applications and authorization approvals for firearms and ammunition, along with access to smart locker operation logs and firearm/reel ammunition retrieval logs.
- 6、 Night vision range test: Under low-light conditions, after the camera's infrared function automatically activates, the human silhouette at a distance of 10m from the camera can be clearly visible on the monitoring screen.
- 7、 Video recording function test: The video images captured by the built-in camera can be transmitted to the server for manual recording, or when the system detects moving targets, motion detection recording can be performed on the server.
- 8、 Restart control function test: You can remotely restart the system on the server.
- 9、 Remote access record function: The system allows remote monitoring of firearms/ammunition status and retrieval/recovery records on the server.





Police Equipment and Equipment Rack I

Weight: 7kg

Size: 70cm long, 122cm high

Storage items: (long baton, short baton, police bayonet, steel fork, arrest device) any three

Any helmet from the helmet series; two riot shields

(Body armor, stab-proof vest) either one

Material: 304 stainless steel. This product is widely used in subway systems, airports, railway stations, high-speed rail stations, and checkpoints, offering flexible and convenient handling.



Police Equipment and Equipment Rack II

Material: Stainless steel

Color: Black

Dimensions: Length 1200 (mm), Height 1200 (mm), Depth 40 (mm)

Features: Designed for standardized storage of riot control equipment, including riot forks, emergency batons, riot shields, riot helmets, stab-proof suits, and bulletproof vests among other emergency protective gear.



Intelligent Equipment Cabinet

Operating System: Embedded LINUX

Touchscreen: 8-inch industrial electronic display

Resolution: 800X600

CPU/frequency: TI800MHz

Capacity: 512MB RAM, 256MB flash

Dimensions: 1800mmX450mmX 1000mm

Weight: 105kg ±5kg

Material: High-quality carbon steel

Door Control: Multi-unit/Multi-door

Device features: Self-charging, Data export, Service flow

Biometric technology: fingerprint, finger vein, iris, face recognition (optional)

Access methods: Biometric, Remote, Key, Password (optional)

Security alarm: audio-visual alarm, remote alarm

Human-computer interaction: Visual interface, full-process voice navigation

Power supply: AC220V

Interconnectivity: Gigabit dual network ports

Encryption and Strengthening: MD5 Symmetric Encryption

Sensor data acquisition: vibration/temperature/humidity/door status/mechanism status

Video capture: 1080P image capture, 720P real-time image

Intelligent control: Access control, alarm linkage

Police officer file establishment and permission management, intelligent classification of police units, task flow integration for officers, equipment status statistics, surveillance and security systems, environmental monitoring and regulation, analysis of emergency response equipment usage, rapid equipment retrieval and return, automatic data synchronization, law enforcement document management, officer trajectory synchronization, individual officer equipment allocation, data export to workstations, data classification management, law enforcement equipment charging, and equipment maintenance and repair.



Security Inspection and Explosive Detection Equipment

Portable Security Gate

[Model:BXTCM-RD]

Equipped with built-in DC backup power, this system is primarily designed for detecting concealed metal objects on human bodies. When a person passing through the detection door carries metal items exceeding preset parameter thresholds, the system immediately triggers an alarm. Through-speed performance: When a person carrying a $\phi 6\text{mm} \times 50\text{mm}$ tool passes through the detection door at speeds ranging from approximately 0.4 m/s to 1.8 m/s, the system activates an alarm.

Counting function: When a person carrying a standard stainless steel plate measuring 1.5*80*20 mm passes through the detection door at a uniform speed in a normal direction and natural gait from a height of 1250 mm above the ground, the system can reliably record the number of valid subjects examined and the number of alarm activations. Alarm sound: 89.8 dB

Implementation standard: GB15210-2003 "Pass-through metal detection door"



Technical Specifications

Mobile Phone Security Scanner

Detection range

1. Primarily designed to detect and trigger alarms during startup, shutdown, and battery removal processes for mobile phones and smartphones.
2. Detectable electronic products include: Computer category-tablets, laptops, and desktop computers; Recording category-voice recorders and various wired/wireless eavesdropping devices; Video recording category-digital cameras, camcorders, and portable DV cameras; Storage category-external hard drives.
3. No alarm is triggered for metal objects, nor for belt buckles, shoulder badges, collars, or cap badges.

technical parameter

External power supply: 220V

Power frequency: 50/60Hz

Power consumption: 100W

Total weight: approximately 130 kg

Dimensions (mm): 2220 (height) * 1000 (width) * 650 (depth)

Channel dimensions (mm): 2000 (height) * 700 (width) * 650 (depth)

Detection frequency: 5 kHz to 10 kHz Accuracy: Over 98%

The detection door features ten probes on each side, totaling twenty probes, with a width of up to 70 cm. Individuals can enter and exit in a straight line, with a throughput speed of less than 1.2 seconds and a detection rate as high as 98%. It is the only intelligent mobile phone detection door in China capable of excluding false positives caused by water cups and umbrellas (excluding routine cases) and the only one that can detect whether a mobile phone is carried in a bag.



Temperature Detection Security Gate

[Model:TCM-RD]

Alarm function

1. The alarm tone is adjustable with a maximum sound intensity of 89.3 dB, enabling clear differentiation between alarms from two adjacent detection doors.
2. The intelligent partition alarm indicator light displays red color. Under bright conditions of 6000LX and dim conditions of 25Lx, the alarm display can be clearly observed from a distance of 3 meters.
3. The alarm status can be automatically restored, and the alarm indication duration shall not exceed 1.2 seconds after the object leaves the detection area.

Power supply range: 187V~242V,47.5Hz~52.5Hz

Magnetic induction intensity within the detection zone: In the region extending 150 mm inward from both left and right boundaries, the magnetic induction intensity at any point is $30 \mu\text{T}$, with dielectric strength.

No breakdown or repeated flying arc occurred at 1.35 kV for 1 minute.

Interference resistance capability: Capable of preventing false alarms, missed alarms, and strong resistance to external interference.

Quick venue setup: Includes 72 preset locations with customizable sensitivity and automatic sleep modes. When the device starts, if no one or object passes through the security gate within 2 minutes, it automatically enters sleep mode. Detection function activates automatically when someone or an object passes through.

Internet management features: Access the internet via Wi-Fi devices or network cables, perform remote diagnostics and management settings through mobile apps, and store and view relevant data in the cloud.

Bluetooth remote control: Equipped with a built-in Bluetooth module, allowing remote operation of the device via a mobile app on the user's end.

Insulation resistance: $>500 \text{ M}\Omega$ under normal conditions, $76 \text{ M}\Omega$ under humid heat conditions.

Working hours: 8 consecutive hours

Testing basis: GB15210-2003 "General Technical Specifications for Through-Type Metal Detection Doors";





Human Body Security Screening Machine

Inspection area: 2000 mm (height) × 1500 mm (width)

Single detection dose: 0.05-0.2 μ Gy

Line resolution: 38AWG (metal wire with diameter 0.101 mm)

Spatial resolution: 1.0 mm horizontally and 1.3 mm vertically

Contrast sensitivity: \leq 0.5%

Single examination time: less than 3 seconds

Pass rate: 1200 people/hour

Safety protection system: safety guardrail + safety shelter + pedestrian diversion system

Guidance System: Equipped with high-fidelity audio and a 17-inch guidance display to assist examinees in maintaining correct posture during security screening.

Full-body scan: The scanning method produces a one-time whole-body imaging effect.

Scanning imaging effect: Capable of comprehensively detecting hazardous materials, liquids, and prohibited items carried or concealed inside the human body, under heavy clothing, within shoes, or inside prosthetics. During security screening, it ensures thorough inspection while safeguarding the privacy of individuals being examined, with multiple imaging color displays available.

Detection method: Open continuous uninterrupted cyclic detection platform capable of simultaneous synchronous detection of multiple individuals and their carried small handbags.

Scanning method: A user-friendly automated conveyor system. Throughout the entire examination process, the subject does not need to move or raise both hands. The conveyor belt continuously and automatically transports the individual forward while performing uninterrupted scanning imaging. The single-scanning imaging time is $<$ 3 seconds, ensuring high detection efficiency.

External leakage dose rate outside the non-sealed protective boundary: \leq 0.24 Gy/h (average value measured at the operating table side, 0.5 m away from the equipment housing boundary in the radiation protection zone)

Software system: Continuous motion human detection system capable of distinguishing organic matter, mixtures, and inorganic substances.

Image processing functions: grayscale transformation, image enlargement, pseudocolor, etc.

Image storage capacity inspection: Capable of storing images of 1 million subjects under examination (Image storage: Automatic storage; Selective

storage function: Image query and retrieval function; Supports conversion to common formats such as BMP, JPEG, and TIFF for 1 million images; Supports image transfer to USB storage devices)

Display: 24-inch LCD with a resolution of 1920x1200

User Management: Administers user permissions, supporting user addition/deletion and customizable operation rights. Auxiliary management features include: time/date display, inspection counter, system operation timing, radiation beam emission timing, system operation logs, and maintenance diagnostics. Operating temperature/relative humidity: $-5^{\circ}\text{C}\sim 40^{\circ}\text{C}/10\%\sim 95\%$ (non-condensing). Storage temperature/relative humidity: $-40^{\circ}\text{C}\sim 60^{\circ}\text{C}/10\%\sim 95\%$ (non-condensing).

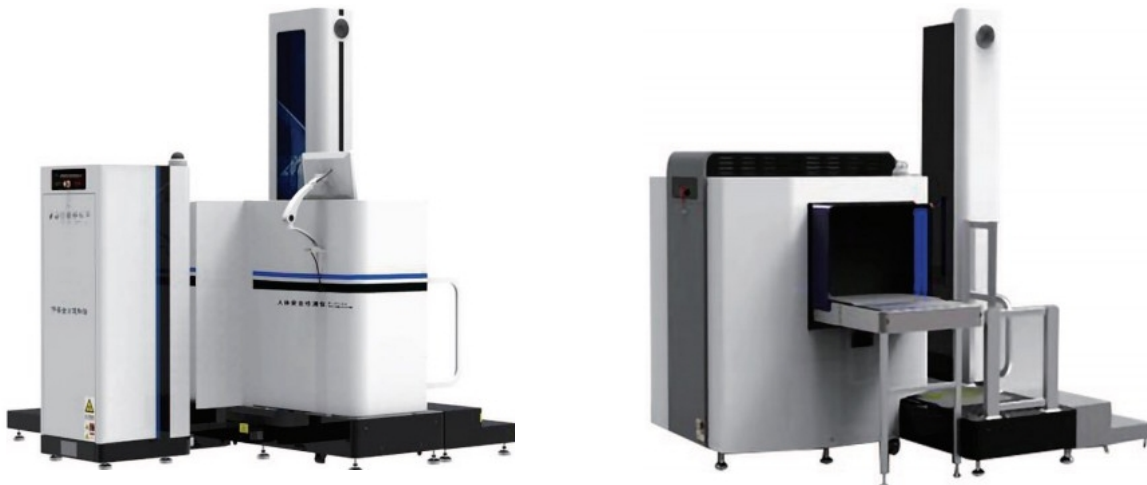
Power supply: AC 220V(-15%~+10%), 50HZ Earth 3HZ/

Power consumption: less than 1000W

Dimensions: The cabinet measures 2600*2100*2600 mm.

Passenger door dimensions: 2600*700*300 (mm)

Operating room dimensions: 1150*450*2250 (mm)



Floor-Standing X-Ray Machine

[Model:TH-XS8065]

Applicable to: inspection of large carry-on luggage for passengers, as well as channel inspection of large luggage in conjunction with hand luggage security checks; serves as an ideal device for security screening at airports, customs offices, railway stations, bus terminals, ports, and other locations.

System Functions: Date/time display, baggage counting, user management, system operation timing, radiation beam emission timing, power-on self-check, imaging; storage and retrieval, maintenance diagnostics, bidirectional scanning, image recognition training; optional features; high-density area alarm, auxiliary detection of explosives/drugs, hazardous material image insertion, network expansion.



Dual-Source Dual-View x-Ray Security Inspection Equipment

Two independent X-ray source inspection systems were employed to simultaneously acquire image data at high speed from both horizontal and vertical directions. The system can output three-dimensional object contours even when the tested object is placed at any angle, effectively identifying object shapes and resolving issues of missed detection and false alarms caused by occlusion.

pioneering advantages

Comprehensive leadership: Product performance parameters reach world-class standards, featuring high-definition imaging, strong penetration capability, high resolution, and advanced material recognition functionality.

Actual parameters: All performance parameters of the product during actual use are fully consistent with the test reports issued by the Ministry of Public Security, and the test report results are more authentic and credible.

Reliable and Stable: The product manufacturing process is strictly controlled in accordance with the ISO 9001 Quality Management System. Through rigorous high/low leakage tests, humidity-heat tests, and bagging tests, the product ensures fault-free continuous operation for over 10,000 hours.

Stable frame: Made of national standard 304 stainless steel, 2-3mm thick national standard cold-rolled steel sheets, and square steel bars, incorporating advanced industrial technologies. The structural design ensures stability and robustness, with anti-rust and anti-corrosion properties to protect cables from damage.



Portable X-Ray Machine I

[Model:PB30]

Portable X-ray sources and their configured digital display systems can adjust X-ray emission frequency based on the thickness of suspicious items, enhancing penetration capability and improving image clarity. In explosion-proof security inspections, criminal technical investigations, mobile anti-smuggling operations, and drug enforcement activities, portable X-ray inspection systems serve as essential diagnostic equipment. These systems enable rapid acquisition of images of concealed hazardous materials within packages, including bomb devices, firearms and knives, narcotics, and other powdered substances.

Penetration: 30mm steel or 140mm aluminum

Material discrimination (optional): dual-energy color display, organic material exclusion, inorganic material exclusion, highlighting of suspected explosives, highlighting of suspected drugs, etc.

Implementation standard: "GB12664-2003 General Specifications for Portable X-ray Security Inspection Equipment"



Portable X-Ray Security Screening Device

Product Features

Clear imaging: High-resolution dual-energy imaging enables effective differentiation of inorganic materials, organic materials, and mixtures, addressing the limitation of integrated portable X-ray machines in material identification. With 16-bit grayscale levels and a maximum depth of field ratio of 65536:1, the imaging quality surpasses that of integrated portable X-ray machines by 200-fold in image contrast.

High penetration capability: Capable of penetrating 60mm aluminum plates and 15mm steel plates, with a penetration force over six times that of a portable X-ray machine.

Wide field of view: The scanable area size reaches 460*384 mm, and customized services can be provided as required. The field of view is 3-15 times larger than that of integrated portable X-ray machines.

Wireless connection: Devices communicate via wireless means, free from external interference, enabling rapid on-site assembly and deployment with high mobility and flexibility. This effectively ensures the safety and concealment of inspection personnel. The maximum control range exceeds 30 meters.





Electronic Listening Device

The ANKER-4E electronic listening device, a timed explosive detector, utilizes operational timed detonators (mechanical, electromechanical, or electronic types) and other electronic detonator configurations without emitting any active signals. Featuring a compact design and portability, this system enables law enforcement and public security personnel to efficiently search for timed explosives and suspicious items in buildings and vehicles. Timed detonators and other electronic detonators effectively address the limitations faced by bomb detection experts when identifying concealed explosives.



Electronic listening device I II

[Model:ZADT-I]

performance parameter

The detection mechanical watch must be no less than 1200mm.

The detection electron clock must be no less than 400mm.

The detection range of liquid crystal electronic watches should not be less than 400 mm.

The detection range of cordless phones should be no less than 100mm.

Product Features

This product meets the requirements for maintaining optimal performance of electronic devices in complex electromagnetic environments and can be used in synchronization with operational frequency interference instruments. It is capable of detecting concealed electronic detonation devices and mechanical timed detonation systems hidden beneath various packaging materials. Electronic detonation devices include those implemented in electronic watches, pagers, walkie-talkies, mobile phones, and remote control devices. Additionally, it serves as an anti-surveillance security technology device for detecting electronic eavesdropping devices and concealed video recording systems. Featuring high sensitivity, extended detection range, strong penetration capability through packaging coverings, and convenient portability, the system integrates the probe and host unit into a single unit that requires no adjustments after activation.



Nonlinear Node Detector

This product is primarily designed to detect wireless electronic devices containing semiconductor components—such as wireless microphones, microphone amplifiers, eavesdropping devices, remote receivers, and electronic detonators—hidden within building envelopes, walls, furniture, or decorative items. It can identify these targets regardless of whether they are in transmission mode, powered-off mode, or standby mode.

Continuous operating time: ≥ 9 hours, equipped with built-in fixed high-capacity battery;

Power consumption of the device: $\leq 8W$

Form of the detection signal: pulse mode

Receiver sensitivity: $-100dBm$

Transmitter frequency: 920 MHz

Receiver frequency: 1840,2760 MHz

Instrument weight: 9.5 kg

环境温度: $5\sim 40^{\circ}C$



Fluorescence Technology Explosive Detector

This product is an explosive detector based on fluorescence technology. When the fluorescent materials inside the machine come into contact with explosive molecules, their fluorescence intensity and peak position undergo changes. These changes are recorded by the high-sensitivity detector within the machine, and analysis can determine whether explosives are present on the target material.

External dimensions with external heating head: 266*112*138 (mm)

Without external heating head: 266*112*104 (mm)

Battery weight: 1.1 kg (with external heating head); 0.9 kg (without external heating head)

Cold startup time: < 3 minutes

LCD screen: 3-inch IPS display

Power input: 100-240V, AC 50/60Hz, 2A

Battery life: 8000mAh, 8.4V, dual battery ≤ 10 hours

External data interfaces: USB, wireless, WiFi

Sampling method: wiping or suction

Detection time: 5s

Detection sensitivity: ≤ 0.1 ng

Two detection methods: paper strip wiping and vacuum aspiration testing

Measurable substances: dinitrotoluene, nitroglycerin, black gold, nitro

Acid forging, Tern, Ternite, Octogen, Black powder, Sulfuric acid

Riot, Sema, Tetracaine, C4, etc.



Long-Range Nonlinear Node Detector

[Model: LN-36] Origin: Russia. This product is a critical rapid detection semiconductor device, specifically designed for personnel in specialized departments to inspect indoor spaces such as rooms and buildings. It is used to identify suspicious targets and detect semiconductor devices (e.g., bomb detonators or eavesdropping devices) concealed within unknown packages or objects. Additionally, it can locate outdoor explosive devices. Detection signal frequency range: 3481.5-3607.5 MHz.

Detection model type: Pulse

Pulse working cycle: 5% or 0.6%

Maximum transmission power: 20W

Signal sensitivity: less than -110dBm

Lithium battery working time: (5% and 0.6% cycle rates) > 3.0/1.5 hours

Weight: < 1.5 kg



Portable Nonlinear Node Detector

The ST-402 Portable Nonlinear Node Detector is specifically designed to locate and detect electronic devices concealed within walls, floors, ceilings, fixtures, furniture, or containers. This product can be used regardless of whether the target electronic device operates in radio frequency mode, wired connection, or powered-off state. As all modern electronic devices contain semiconductor components, the portable nonlinear node detector enables efficient and rapid identification of these critical components.



Personal Dosimeter

Detector: Silicon semiconductor and Cs scintillation crystal

Measuring rays: x, y rays (Hp10)

External dimensions: 85*55*9.6 (mm) (excluding the back clip)

Weight: < 70g (including battery and back clip)

Dosage range: Hp(10): 0.1 μSv ~ 10Sv

Dose error: < ±15% (entire measurement range)

Energy response: x, y rays: 20keV ~ 6MeV

Measurement accuracy: ±5% (for Cs-137 radioactive source)

Dose alarm value: continuously adjustable within the range of 0.1 μSv to 9.99 SV

Data recording: Capable of recording 15,000 dose data points (time interval: 0~240 hours);

Alarm indication: buzzer alarm sound > 85 dB (at 30 cm), vibration, and red flashing light;

Battery life: The rechargeable battery LIR2450 delivers up to 500 hours of continuous operation per charge.

Communication methods: contact, infrared, wireless;



Desktop Liquid Detector

Dimensions: 460 (width) * 367 (depth) * 260 (height) mm

Weight: ≤ 14 kg

Power consumption: 10W

Power supply: AC180-240V (50/60HZ)

Test bottle temperature: 5-35°C Storage temperature/relative humidity: -40°C~+60°C/5%~95% (no condensation) Operating temperature/relative humidity: 15°C~+35°C/5%~95% (no condensation)

Function: Capable of detecting liquids packaged in various materials such as iron, aluminum, plastics, glass, and ceramics.

Types of hazardous liquids detectable: flammable, explosive, and corrosive hazardous liquids;

Measurable volume dimensions: ceramic jars, glass bottles, PET plastic bottles with diameter ≤ 30mm and ≤ 200mm; metal cans (iron or aluminum cans) with diameter ≤ 80mm; liquid volume in metal cans/bottles ≥ 100ml, non-metallic containers ≥ 100ml.

Detectable effective range: 30 mm from the bottom of metal containers, 60 mm from non-metallic containers.





Hazardous Liquid Detector

[Model:RD-R9]

This product is a security inspection instrument designed for detecting flammable and explosive liquids. It employs quasi-static computed tomography (CT) technology to determine the dielectric constant and conductivity of the liquid sample, thereby assessing its flammability and explosiveness.

The detector can identify flammable and explosive liquids such as liquid explosives, gasoline, acetone, and ethanol without direct contact with the liquids.

Distinguish from safe liquids such as water, cola, milk, and juice;

The operation of this instrument is extremely simple. During use, simply place the probe of the detector on the side of the container to be tested, positioning it below the liquid level inside the container, and then press the button.

The green indicator light is illuminated, and the display screen shows the characters "O" and "Safe" indicating that the liquid in the container is safe; the red indicator light is illuminated, the display screen shows the characters "X" and "Danger" accompanied by an alarm sound, indicating that the liquid in the container is flammable and explosive.

The detector contains no ionizing or microwave radiation sources, nor any other potentially hazardous elements, ensuring safe operation for personnel. Product features: Inductive touch-sensitive switch for simple and durable operation; Rapid result determination with high accuracy and speed.

Radiation-free operation ensures safety and environmental protection; convenient portability with minimal vulnerable components and simplified maintenance. Compatible with hazardous liquids detection: The detector identifies various flammable and explosive substances including gasoline, diesel, kerosene, anhydrous ethanol, acetone, benzene, banana oil, ethyl acetate, dichloromethane, trichloroethylene, petroleum ether, turpentine, liquid paraffin, toluene, xylene, ethyl acetate, n-butanol, dichloroethane, n-pentane, cyclohexylamine, cyclohexane, carbon disulfide, methanol, isopropanol, ethylenediamine, nitromethane, and improvised explosive devices (IEDs).



Fully Automatic Dry Biochemical Analyzer

SD1 is a fully automated biochemical analyzer designed for healthcare diagnostics and accurate reference laboratory test results. It features intelligent portability, user-friendly operation, high automation level, small sample volume, precise testing, and maintenance-free operation.

This instrument utilizes cutting-edge technologies such as cloud computing and Internet + healthcare, enabling operators to remotely and accurately determine test results. It is equipped with a built-in centrifuge, automatic barcode scanning, and real-time quality control, with test results automatically printed within 12 minutes.

The instrument is also equipped with online fault diagnosis, enabling real-time monitoring of its operational status, thereby alleviating concerns in primary healthcare settings.



Drug and Explosive Detector

[Model:HD300]

This product does not contain a radioactive vacuum ultraviolet photoionization source, ensuring safe and convenient use while enabling accurate analysis of explosive composition.

The black powder detector features a nanometer-level detection capability, capable of identifying hazardous materials including fireworks and homemade explosives. It is equipped with a 28-inch TFT color touchscreen.

The system features self-cleaning functionality, enabling internal cleaning and purification of the instrument system.

Detectable explosives: various military, civilian, and homemade explosives; such as black powder (Black Powder), nitrate gunpowder (AN), TNT, PETN, RDX, nitroglycerin, octogen, TNT, dinitrotoluene (DNT), C4, Semtex, etc.;

Sampling method: Trace particle adsorption and test strip wiping sampling;

Sensitivity: nanogram level;

Implementation standard: "2GA/T841-2009 General Technical Requirements for Trace Drug/Detonitive Detectors Based on Ion Mobility Spectrometry Technology"





Dual Exploration Zone Liquid Detector

[Model:WB-151A]

detectable species

The instrument can provide alarms for flammable or hazardous liquids in the following sealed containers.

— Pesticide-like compounds (22):

Bombyx mori (karyotype polyhedrovirus), dimethoate, lambda-cyhalothrin, omethoate, acetamiprid, One Shot (Methyl aminobenzoxyntrofen benzoate), nicosulfuron, carbofuran, abamectin, "One Punch" (phosphosulfuron), Flubendiamide, chlorpyrifos, oxamyl, phoxim, cyhalothrin, malathion, abamectin Nymafos, chlorpyrifos, phoxim, dimethoate, dichlorvos.

Class II flammable and explosive liquids (32):

Gasoline, kerosene, diesel oil, anhydrous ethanol, isopropyl ether, petroleum ether (30~60°C), propylene oxide, n-heptane, pine oil, acetone, benzene, toluene, isopropanol, anhydrous methanol, n-hexane, banana oil, oleic acid, acetic acid, butyl butyrate, glycerol, xylene, phenol, 1,2-dichloroethane, carbon tetrachloride, nitrobenzene, concentrated sulfuric acid, carbon disulfide, glacial acetic acid, trichloromethane, 40% acetaldehyde, nitromethane, ethyl ether.

Dual detection zones: Each device features two independent detection zones, enabling precise classification detection and facilitating operator posture and operational habits.



Comprehensive Food Safety Tester

The integrated food safety detector is designed for rapid detection of substances including pesticide residues, formaldehyde, sulfur dioxide, nitrites, formaldehyde, proteins (milk and dairy products), nitrates, heavy metal lead (in fruits and vegetables), borax, and hydrogen peroxide. It is applicable to agricultural testing centers at all levels, production bases, farmers' markets, supermarkets, as well as health, environmental protection, and hospitality sectors.



Veterinary Drug Residue Detector

The items that can be detected by veterinary drug residue analyzers include:

Testing items include veterinary drug residues such as penicillin, aflatoxin, gentamicin, clenbuterol, melamine, ractopamine, and four types of furan, with customized testing options available based on client requirements. Purpose:

Veterinary drug residue detectors can be widely applied in the detection of grains, feed, edible oils, soy sauce, vinegar, fermented wines, milk, urine samples, and meat.

parameter :

1. Optical System: Laser Positioning Automatic Scanning Measurement System.
2. Measurement repeatability: <0.1
3. Response time: <5 seconds
4. Detection time: 1 minute
5. Operating interface: 6.7-inch color touchscreen with automatic menu guidance prompts and full Chinese display.
6. Power supply: DC input adapter with 7.5V/3A output and built-in rechargeable battery.
7. The device is equipped with USB ports, SD card slots, and Ethernet ports.





Portable Raman Spectrometer

[Model:RD-LMGPY02]

The portable Raman spectrometer is a specialized security inspection device designed for counter-terrorism and drug enforcement purposes. It is used to detect Raman spectra of various forms of explosives, narcotics, precursors for drug manufacturing, alcohol, and psychotropic substances, including liquids, solids, powders, and aqueous solutions. The equipment employs state-of-the-art laser Raman spectroscopy analysis, integrating sampling, detection, spectral scanning processing, database search, and similarity comparison identification into a unified system. With user-friendly operation and rapid response capabilities, it features automatic calibration upon startup.

The spectrometer is compact, lightweight, and portable, with simple operation, enabling rapid and accurate detection and analysis of material composition.

Overall dimensions: 180*95*38mm

Total weight: <800g

Input interface:MicroUSB

Spectral range: 200 cm^{-1} to 3200 cm^{-1}

Wavelength resolution: 15 cm^{-1} @1000 cm^{-1}

Excitation wavelength: 785±0.5 nm, linewidth <0.1 nm

Laser lifespan: 10,000.00 hours

Power supply voltage: DC5V power adapter

Output power: 0~500mW Adaptive

Integration time: 1ms to 10s, applicable

Probe Rayleigh scattering cutoff depth: OD6

Working focal length of the probe: 7.5 mm

Camera: 8MP

Touchscreen: Capacitive display with 720*1280 resolution

IP65 waterproof, dustproof, and shockproof rating

Network: 4G/WIFI/Bluetooth/GPS

Operating temperature: 0-45°C Operating humidity: 5%-80%



Raman spectrometer

[Model:RD-LMGPY01]

1、Spectral range 200-3900 cm^{-1}

2、Resolution 8-10 cm^{-1}

3、Laser wavelength 785 nm

4、High-sensitivity CCD detector

5、Laser power adjustable from 0 to 500 nW

6、Displays a 5.6-inch HD color touchscreen

7、Service life: 10,000,000 hours

8、Integration time: 7.2ms to 5s

9、The working focal length of the probe is 10 mm.

10、Import and export data via USB

11、12V/3A Power Adapter

12、The battery has a lithium-ion battery life of >5 hours.

13、Detectable substances include most types of drugs such as heroin/morphine, cocaine, papaverine, as well as most drug precursors like acetone and toluene.

The vast majority of explosives include commercial and military explosives such as TNT, (JO) polyacrylamide, C4 (plastic explosive), TNTB, nitrocellulose, and nitrocellulose arc.

Most commonly used drugs, such as Cefalorin, Amoxicillin, Nitrofurazone, Ofloxacin, Acetazolamide Powder, (Headache Powder), etc.



Desktop Explosive/Drug Detector

Under detection conditions, it can effectively reduce security inspection time. Concurrent testing of explosives and narcotics also enhances detection accuracy, particularly effective for difficult-to-detect substances such as TATP and smokeless powder/black powder.

Sensitivity: 30 picograms (1 picogram = 1×10^{-12} grams)

Analysis time: 4-10 seconds

Calibration: Internal continuous automatic calibration

Sampling method: Wiping/vacuum pump adsorption

Preheat time: 15 minutes

Power supply: 230 volts 50 or 60 Hz / 11-16 volts 10 ampere DC

Dimensions: 67.3*45.7*17.8(cm)

Weight: 12kg



Portable Security Inspection Box

[Model:ZHZ-AJX]

The portable security inspection box is primarily designed for security personnel to conduct checks and security screenings at key locations and important event venues, as well as to search for illegal contraband. This compact device integrates standard security equipment for easy portability, including non-magnetic probes, high-intensity flashlights, telescopic inspection mirrors, laser rangefinders, personal radiation detectors, folding mirrors, handheld metal detectors, and multi-functional utility knives. It can also be customized to meet specific client requirements.

technical feature :

Includes basic small-scale security inspection equipment; facilitates centralized management and portability; offers flexible configura-

tion that can be freely combined according to security inspection, bomb disposal, and search operations; and allows configuration

adjustments based on user requirements.



Handheld Temperature Measuring Metal Detector

technical parameter :

This handheld multifunctional metal detector combines metal detection capabilities with body temperature measurement. Primarily designed for metal detection scenarios including security personnel's daily anti-theft inspections, examination rooms, schools' anti-cheating checks on communication devices, and other designated metal detection areas. Utilizing this handheld device for body screening prevents human rights violations associated with manual searches while providing real-time temperature monitoring and over-temperature alerts to minimize cross-contamination risks.

use :

1. Electronic detection and inspection at airports, stations, and ports; security checks by customs, border control, and security departments;
2. Quality inspection of pharmaceutical and food commercial systems, safety inspection of critical facilities and sports venues;
3. Precious metal testing, such as in gold and silver jewelry factories;
4. places where temperature is needed;

Performance and Features:

1. Simple to operate and equipped with a leather case for easy portability;
2. Rechargeable function with a charging time of 4-6 hours (optional charger and battery included);
3. When the voltage is insufficient, the indicator light remains off or continuously alarms.
4. Dual alert methods with audible, visual, and vibration alarms;
5. The first design employs switches to toggle sensitivity levels, enabling detection of both large and small metal objects.
6. Sensitivity can be adjusted as needed;
7. Rapid body temperature screening with adjustable alarm threshold;
8. The ultrasonic alarm with temperature alarm can switch between human body temperature and object temperature quickly.

1. Power supply: 9V battery (6F22ND); Power consumption: 270mW;
2. Operating frequency: 22 kHz; Operating current: less than 50 mA; Operating temperature: -5°C to 55°C
3. Net weight: 450g; Dimensions: 410mm (length) × 80mm (width) × 45mm (height)
4. Packaging dimensions: 50cm*28cm*45cm (25 pieces per box, weight: 12.5KG/13.5KG)

0.08mm blade: 55mm

6mm diameter screwdriver: 100mm

Pinhead: 30-60mm

Four-barreled pistol: 150mm

Six-inch dagger: 160mm

Steel ball with diameter 20mm: 90mm.

Temperature measurement mode: Non-contact infrared temperature measurement

Display precision: 0.1°C

Measurement range: Human mode 32.0°C to 42.9°C; Object mode 0°C to 80°C;

Detection accuracy: 0°C~31.9°C ±2°C, 32.0°C~34.9°C ±0.3°C;

35.0°C~41.9°C±0.2°C;42.0°C~42.9°C±0.3°C、43°C~80°C±4%;

Operating ambient temperature: 10-40°C/50-104°F

Display unit: Celsius (°C)/Fahrenheit (F)

Battery level notification: The device automatically displays low battery alerts

Backlight: Three-color backlight

Number of memory groups: 32 groups for both human body temperature and object temperature





Carrying a Metal Detector I

Alarm mode: Single buzzer, vibration

Operating frequency: 25KHz

Dimensions: 400mm x 79mm x 30mm

Weight: 248g

Battery type: Standard 9V alkaline battery

pool or nickel metal hydride battery.

Battery runtime: 10% alarm

Under the ratio, continuous working time alkali

The battery has a 40-hour capacity, rechargeable nickel-metal hydride.

Battery life: 20 hours.

Detection range: 30-60 mm for a large-head pin, 150 mm for a Type 64 pistol, 160 mm for a six-inch dagger, 20 mm for a steel ball, and 90 mm for a steel ball with a diameter of 20 mm.



Handheld metal detector

[Model:JTCY-RD]

Dimensions: 410 mm long, 86 mm wide, 41 mm thick

Power supply: Standard 6F229V battery or rechargeable battery (optional)

Alarm sound: 85.1 dB(A)

Voltage: 9V(6F22)

Weight: 335g

Suitable temperature range: -20°C to 55°C

Implementation standard: "GB12899-2003 General Technical Specifications for Handheld Metal Detectors"



Underground Metal Detector

Model: RD-6350

This product is equipped with a newly configured "DD" waterproof detection panel, capable of single-item identification of various metal types and operational functions. Its greatest advantage lies in selective detection capability, which can be categorized into: gold, silver, copper, iron, and yellow main unit.

Probe tray connecting rod X2;

28*22 cm waterproof detection panel;

Original high-definition headphones;

Original rainproof cover for the main unit and original backpack.

Metal display properties: 12

Metal recognition types: 6

Accept/Reject metal recognition: Yes

Detection mode: 5

Accurate positioning: Yes

Frequency: 8.25 kHz

Alarm sound type: 3

Probe tray: 28*22cm DD

Depth (探测深度): 10m

Net weight of the machine: 1.27 kg

Battery: 4 AA batteries



Handheld Metal Detector Model 160

[Model:RD-PD140]

Power source: 9V dry cell battery

Alarm modes: simultaneous audio-visual alarm, indicator light alarm, and handle vibration alarm

Battery life: ALKALINE batteries up to 150 hours (continuous operation), NiMH up to 40 hours

Indicators: Power (green), Alarm (red), Low battery (yellow flashing)

Indications: Capable of detecting both magnetic and non-magnetic metals

Complies with the standard: "GB12899-2003 General Technical Specifications for Handheld Metal Detectors"

ISO9001:2008 Quality Management System





Drug and Explosive Detector

I. Product Overview:

1、 The newly developed RD-FPTED-L2 product represents China's leading portable trace explosive detector in both domestic and international markets, boasting exceptional performance in detection limits and explosive variety detection. With outstanding technical specifications, it delivers over 8 hours of continuous operation per charge, achieves cold start-up within 10 seconds, and provides alarm response times under 5 seconds (including instant alarm capability). The device features a TNT detection limit of 50 pg and supports over 30 explosive types. Its built-in automatic calibration system effectively addresses industry challenges related to high-dose explosive exposure during detection processes.

Building upon the first and second-generation products, the RD-FPTED-L2 features enhanced integration with a total weight of 1.1 kg. Its detection range has been further expanded to include emerging peroxide explosives, in addition to military and ammonium nitrate explosives. Utilizing advanced fluorescent polymer sensing technology, the product can identify high-efficiency military explosives, commercial explosives, and homemade explosives.

2、 The target objects for product testing can include liquids, solids, or gases. The sampling pads equipped with the product are suitable for reliable detection of trace explosives, capable of identifying residual trace explosives on surfaces of items (human bodies). RD-FPTED-L2 is currently a powerful tool for counter-terrorism and explosion prevention both domestically and internationally.

II. Application Fields

1、 The product is primarily applied in public security, procuratorial, and judicial systems; armed police, border defense, and customs systems; public transportation such as subways, stations, and airports; security screening at large-scale cultural and sports venues; commercial facility security; hazardous material detection during logistics processes; and temporary inspections for migrant populations.

III. Technical Specifications

- 1、 Detection Principle: Fluorescent Polymer Sensing Technology
- 2、 Sampling method: Wiping sampling, inhalation sampling
- 3、 Detection limit: Under the premise of a detection rate $\geq 90\%$, the TNT detection limit is ≤ 50 pg
- 4、 Analysis time: ≤ 5 s
- 5、 Cold start time: ≤ 10 s
- 6、 False positive rate: $\leq 1\%$
- 7、 Alarm modes: include audible, visual, character, vibration, and hidden alarm modes
- 8、 Protection rating: IP53
- 9、 Consumables: High-sensitivity components, sampling pads



10、 The types of explosives detected have exceeded 30 varieties, primarily including trinitrotoluene (TNT), dinitrotoluene (DNT), black powder (RDX), nitroglycerin (NG), pentaerythritol tetraacetate (PETN), tetranitrophenyl (TETRYL), ammonium nitrate (AN), black powder (BP), octylamine (HMX), triacetone trioxide (TATP), nitrotoluene (MNT), and nitrobenzene (NT).

- 11、 Weight: ≤ 1.1 kg (including battery)
- 12、 Data storage: $\geq 100,000$ records
- 13、 Dimensions: (length \times width \times height) 300 \times 106 \times 71 (mm)

Provide test reports issued by the National Product Quality Supervision and Inspection Center for Security Prevention and Alarm Systems (Shanghai) and the Ministry of Public Security's Product Quality Supervision and Testing Center for Security Prevention and Alarm Systems.

Radar Life Detector

technical parameter :

- 1、 Weight: 840 grams (including battery).
- 2、 High penetration capability, capable of penetrating 1–2 ordinary brick walls or non-metallic objects with a thickness of 30 cm.
- 3、 Maximum detection range: ≥ 20 meters.
- 4、 Resolution: better than 0.3 meters
- 5、 Dimensions: Length 23 cm, Width 10 cm, Thickness 7 cm
- 6、 Power supply method: Replaceable with 18650 lithium battery, or charge via external adapter
- 7、 Battery life: no less than 4 hours
- 8、 Operating temperature: -40°C to $+55^{\circ}\text{C}$
- 9、 Storage temperature: -50°C ~ $+60^{\circ}\text{C}$
- 10、 Water resistance: IP67
- 11、 Operating frequency: 3-3.5GHz
- 12、 Detection angle: Azimuth and pitch shall be no less than 120 degrees
- 13、 Multiple devices can operate simultaneously without interference.
- 14、 It can be remotely controlled wirelessly.
- 15、 Complies with U.S. military standards and spectrum management regulations.
- 16、 Features: This product employs cutting-edge ultra-wideband radar technology, specialized step-frequency waveform synthesis techniques, and efficient, robust signal processing algorithms, thereby delivering exceptional penetration and resolution capabilities. It enables highly reliable target detection and distance measurement even in dense, strong clutter environments.





Handheld Video Analyzer

technical specifications :

- 1、 Power supply: Input 100-240VAC50/60Hz,Output 12VDC
- 2、 Current: 1A
- 3、 Dimensions: 120(W) X 75 (D) X 110 (H) mm
- 4、 Weight: 200g
- 5、 Features and Description:

The handheld video analyzer (also known as a digital document authentication device) is a specialized instrument designed for authenticity verification of various documents such as passports, identity cards, and confidential files. It enables intuitive, convenient, and rapid professional identification of document characteristics including paper quality, printing details, ink properties, infrared signatures, ultraviolet spectra, and fiber optic patterns. This device serves as an essential tool for professional document inspection personnel.

This device features a 30x magnification for crystal-clear, distortion-free images. Its built-in 3.5-inch display allows direct viewing of all images for one-to-one comparison, enabling instant authenticity verification and significantly improving banking efficiency.

The system can be connected to the computer with the special conversion equipment and software, and the image can be transmitted in real time, which is convenient for the professional to edit or record the image of the ticket, and the relevant information can be transmitted in the form of video or picture.

6、 product function :

- 6-1. White light – Top-mounted, lateral, semi-lateral, alternating semi-lateral
- 6-2. Infrared light – Top-mounted, lateral, alternating
- 6-3. Ultraviolet light



Portable Retractable Video Examination Scope

[Model:RD-HVI-1000]

The video screen supports 350-degree horizontal rotation and 90-degree vertical rotation. The infrared camera utilizes non-emissive infrared diodes, ensuring undetectable operation during nighttime operations for covert surveillance. The high-brightness white light camera delivers clear visibility in low-light environments. The telescopic rod incorporates military-grade electrical connectors to guarantee stable signal transmission. Real-time monitoring capabilities are supported with a standard 3.5mm headphone jack. The video module features a microUSB port (4GB memory capacity) for forensic data output.

Extensibility length: ≥ 5 m

Weight: 2.2 kg

Equipped with two lens sets: high-brightness white light lens and night-time infrared lens

Non-luminous infrared LED light: Night illumination distance>10m

Camera field of view: 90°-120°

Lithium battery: Imported rechargeable lithium battery, capable of providing 7 hours of continuous shooting.

Display: 5.0-inch color TFT LCD screen

Display size mm: 114 (H) X 85.5 (W)

Resolution: 640(H) XRGBX480 (V)

Brightness: 500 LUX

Pakken 1750: Waterproof, Moisture-Resistant, and Impact-Resistant Luggage

Extensible-Arm Vehicle Underbody Inspection Mirror

[Model:CDKS-RD02]

Device Features: Unique rotating shaft and locking mechanism ensure flexible rotation and smooth operation of the telescopic arm. After use, it can be fully retracted into the handle for easy portability and storage. The LED high-intensity illumination device is installed adjacent to the search mirror, ensuring normal functionality in dark environments and significantly improving lighting efficiency.

Energy-efficient design, powered by alkaline batteries, with a continuous operating time exceeding 7 hours.

Voltage:DC4.5V

Arm length during extension: 3000 mm



Visible Underbody Inspection Mirror

[Model:CDKS-RD01]

Working voltage:DC12V

Operating current: 220mA

Specifications: 3.5-inch TFT digital LCD screen

Resolution: 320*240

Power source: Rechargeable eco-friendly lithium battery

Camera: Equipped with SONY CCD sensor

Camera view: 120° wide-angle

红外距离: 3-5m



Underbody Inspection Mirror

[Model:RD—PUVD02]

The high-resolution color camera with 1/3 inch CCD and DSP color processing can rotate 150 degrees.

Manual control for taking photos or recording videos (maximum recording time: 60 minutes).

Supported photo resolutions: 400×400,640×480,720×576, and 1280×720.

Video resolution: 640*480,720*576, or 1280*720; TV input format: PAL/NTSC selectable.

USB2.0Full-Speed, SD card capacity built-in 2G;

RTC real-time clock display;

Label the surface of the photo/video file with a date and time;

5.6-inch TFT true-color LCD display;

Integrates 12 white light-emitting diodes (LEDs) for lighting purposes.

A 12V rechargeable battery with a rated current of 600mA, weighing 300g, requires a charging time of 3-4 hours; the total length is 155cm, with a weight of approximately 1800g.



Square Undercarriage Inspection Mirror

Mirror surface: Square 30*30 cm high-strength anti-shatter acrylic mirror surface with convex shape for 2x magnification effect. Weighing half that of conventional glass mirrors of the same size, it exhibits certain toughness, is resistant to breakage, and ensures safety and durability. Its brightness is comparable to glass mirrors. The rigid rubber base and enclosure effectively prevent damage to the mirror caused by collisions. Minimum detectable height: 10 cm.

Handle: The T-shaped telescopic pull rod allows maximum penetration into inspected vehicles and objects. Constructed with premium aluminum alloy and multiple high-strength machining processes, it offers lightweight durability and aesthetic appeal. The surface is treated with dust-free workshop baking outdoor paint, ensuring long-term color retention, odor-free performance, and human safety. Equipped with a black foam cotton grip for comfortable handling, ideal for extended operations.

Light source: Fluorescent lamp tube or high-power LED white light lamp. Fluorescent lamps feature natural and soft light emission, while high-power LED white light lamps provide clearer visibility.

Hidden objects reflected on a clear mirror surface.

Power source: Built-in lithium battery, economical, convenient, and practical. A standard power adapter is included with the packaging.

Transportation: Packaged in aluminum boxes, allowing the handle to be folded.



Underbody inspection mirror

[Model:RD-HY2918JC]

Advantages: Powered by high-capacity lithium battery packs, with a usage duration exceeding 8 hours, no charging memory effect, and compact lightweight design.

Equipped with a 7-inch high-resolution LCD display featuring video recording and playback capabilities, the system consumes less than 10W of power, effectively extending operational duration without compromising viewing performance.

The infrared supplementary lighting wide-angle high-definition camera provides a broader field of view and enhanced clarity.

The system adopts a two-stage folding structure with a maximum opening angle of 180 degrees, enabling insertion into caves up to 1600 mm deep for inspection. The device body is fabricated from 1.0 mm thick 304 stainless steel sheets through stamping and electroplating processes, resulting in an aesthetically pleasing and lightweight design. All components are constructed from 304 stainless steel.

The operation is extremely effortless.





Large-Scale Channel-Type Vehicle Radiation Monitoring System

Real-time response data processing technology with system detection response time ≤ 0.3 seconds;
The fluctuation analysis and real-time background subtraction techniques result in a low system false positive rate;

Time-sharing multi-energy window technique for distinguishing between artificial nuclides and natural nuclides;

The system adopts modular configuration, which includes not only the basic detection system but also video surveillance systems, license plate information recognition systems, container recognition systems, UPS systems, and barrier gate systems. Components can be selected according to different requirements to achieve monitoring functions.

By adopting independent network time synchronization technology and data retransmission technology, it enables multi-system networking configuration with flexible deployment options, supporting remote monitoring and operational configuration via wired or wireless networks.



7-Inch Color Screen Video Recorder With Undercarriage Inspection Mirror

[Model: 2808JC]

This product features a 7-inch LCD display with a multifunctional media player integrated into the DVR. It not only enables real-time monitoring but also records inspected footage for future review. Stored video files are directly saved to an SD card, which can be easily copied to a computer upon removal for convenient management and playback.

Display size: 7 inches

Display resolution: 1280*1020 (RGB)

Power consumption: 4000mW

Boot time: ≤ 1.0 s; The display can record videos normally, play back recordings, and play videos without issues when inserting an SD card. It also supports photo taking and viewing. Standard configuration includes a 4G storage SD card with maximum support for 32GB.



7-Inch Color Screen Video Examination Scope With Retractable Video Recording Function

[Model:RD-S810]

Display: 7-inch ultra-large LCD with 1024*600 resolution, viewing angle: 140/120°. Lens: 23.6mm (standard lens options: 3.6mm, 6mm, 8mm, 12mm).

Electrically controlled camera angle: $\geq 355^\circ$

Operating temperature: -45°C to 85°C

Operating voltage: 5-28V

Working hours: ≥ 20 H

Operating current: ≤ 230 mA

Night vision capability: ≥ 12 automatic fill light units

Transmission method: Wired (Wireless is supported-not s

Video resolution: 1080P

Memory support: Standard 32GB (up to 64GB)

Video: Supported

Photo: Supported

Video recording time: unlimited

External camera: Supported

Product telescoping range: 90-360 cm

Net weight: 1.9 kg

Package size: 122*18*44.5 cm



Mobile Underbody Inspection System

[Model: SMS-UVSS-II] The mobile undercarriage safety inspection mirror system is primarily designed for detecting various vehicle undercarriages, enabling rapid and accurate identification of prohibited items concealed beneath the vehicle and illegal immigrants or smugglers. Image vertical resolution: 2048 pixels

Viewing width: no less than 4.0 meters

Speed: 1~65km/h

Effective field of view: no less than 170°

Auxiliary lighting: 100W

Load capacity: greater than 30 tons

Waterproof rating: IP68, suitable for all-weather operation

Scanning device weight: 28KG

Scan device dimensions: 410*370*93 mm

Communication interface:RS232/RS422

Product features:

A digital linear array scanning camera was employed, which exhibits exceptionally high image resolution and clarity.

Complete underbody imaging with no omissions, featuring clear, intact, and distortion-free images that allow for clear visualization of structures with a minimum diameter.

2mm object;

IP68 high protection rating, pressure-resistant and shockproof, suitable for use in any climate conditions;

The inspection process can be developed on-site to meet various field requirements;

Multi-channel scenario image monitoring and recording functionality. Multilingual operation interface design;

Supports vehicle identification through image recognition or RFID technology.

Exceptionally robust scalability enables seamless integration and control of diverse systems.

Supports networked control for multiple devices.



Fixed Vehicle Underbody Inspection System

The undercarriage safety inspection system primarily detects various components beneath vehicles, enabling rapid and accurate identification of prohibited items concealed under the vehicle body as well as illegal immigrants and smugglers. Compared to traditional undercarriage inspection mirrors, it offers faster and more precise results, significantly enhancing the speed and accuracy of vehicle safety inspections while reducing human resource requirements.

Scanning method: Linear scanning, triggered by ground sensing coil;

Recommended speed range: 1~80 km/h, preferably ≤30 km/h.

Field of view angle: ≥175 degrees;

Image vertical resolution: 2048 pixels CCD;

Scanner data cable: 100 meters; (customizable length);

Lighting components: four sealed single-unit LED surface light sources;

Life: 100000h;

Underbody image scanner: Designed with open-type wide-field-of-view underbody image acquisition technology;

Operating voltage: DC24V;

System power supply:AC110-240V/50-60HZ;

Structural design: monolithic sealing design;

Water resistance rating: IP68;

Load-bearing capacity: 30 tons;

Scanner dimensions: 1200*350*210 (mm);

Scanner weight: 130 kg;

Environmental temperature: -40°C to 70°C;

Speed detection: Features dedicated underbody image post-processing. (When the vehicle suddenly stops during inspection and restarts, the system automatically identifies to ensure a complete image is captured during passage.)





Explosive Detonation Rope Hook Assembly

[Model:HWMK4]

This rope hook assembly represents the most ideal disposal equipment for bomb disposal personnel during explosive operations. It eliminates direct contact between bomb disposal personnel and suspected explosive materials, enabling remote operation for the relocation and identification of suspicious explosives, thereby effectively ensuring the safety of bomb disposal personnel.

Rope hook tool set: Comprises various tools including ropes, pulleys, fastening tools, clamps, suction cups, expansion rods, and cat hooks, all of which can be assembled and used in combination.

main unit :

Main rope (φD5; 120m) reel, with nylon rope sleeves (white φ5, 2m length), steel wire rope sleeves (2000mm length, available diameters: 1.5mm, 2mm, 3mm), grab rope devices, hooks, heavy-duty pliers, sheep eye rings, suspension rings, lifting straps, unclamps, wedge nails, support rods, sliding rod clamps, detachable pulleys, fixed pulleys with locking mechanisms, main locks, connecting rods, wire clamps, spherical clamps, adhesive fixing plates, vacuum suction cups, sieves, anti-disengagement hooks, and anchor hooks.



First-Line Police Officer Duty Service Equipment Box

[Model:RD-ZQFWX type]

technical parameter :

The first-line police officers' duty service equipment box includes water rescue service equipment, accident emergency rescue service equipment, emergency rescue service equipment for the injured, initial fire control service equipment, dog catching service equipment, vehicle emergency start service equipment.

Configuration details:

1 set of automatic inflatable life jacket, 1 set of life buoyancy ring and buoyant rope, 2 electric cutting pens, 1 glass breaker, 1 roll of disposable warning tape, 1 cutting rope, 1 oxygen cylinder, 2 bottles of Yunnan Baiyao, 1 first aid kit, 1 ice pack, 1 hemostatic device, 1 aerosol fire extinguisher, 1 combustible gas detector, 1 fire blanket, 1 set of pneumatic capture net, 1 emergency power supply, 1 set of emergency air pump, 1 aluminum alloy box.



Magnetic Free Explosive Disposal Tool Set

[Model:HWNMT-36]

This product is primarily manufactured from bronze and classified as a National Class IIC product. It remains non-explosive when operating in hydrogen gas at 21% concentration. Due to the zero magnetic properties of forged bronze materials, beryllium bronze tools are also known as anti-magnetic tools, enabling safe operation in magnetic field environments. During explosive disposal operations, these tools prevent sparks generated by surface friction or impact, ensuring operator safety. Additionally, they exert no interference on

fillings of a machine.

Select the following major categories as needed: various

Wrenches and pipe wrenches, such as plum blossom wrenches

A striking wrench or hammer tool, such as an octagonal hammer.

Nipple hammer, hammer, mud knife, rust removal knife

Flat spatulas, crowbars, forceps, Kirschner forceps

Carp forceps, screwdriver, needle ear, set

Set of utility tools.



First-Line Police Officers' Duty Protective Equipment Kit

[Model:RD-ZQFWX]

technical parameter :

The frontline police personnel's duty protective equipment kit includes personal protective equipment for smog, rain and snow, high temperature, low temperature, intense light, cutting, stinging, and toxic exposure.

Configuration details:

1 pair of anti-smog mask, 1 set of fluorescent raincoat,

1 pair of fleece-lined fluorescent gloves, 1 cooling vest,

1 ice-sensory towel, 1 ice-sensory T-shirt

One pair of disposable heating insoles and self-heating mat

1 case of medication, 1 pair of polarized glasses, and cutting-resistant gloves

1 pair of double-layered, anti-cutting protective sleeves, 1 set of lightweight anti-puncture gear

1 vest, 1 pair of gas masks, and protective equipment

1 set of mask (half face) and 1 aluminum alloy box.



First-Line Police Officers' Duty Equipment Box

[Model:RD-ZQZFX]

technical parameter :

The frontline police officers' duty enforcement equipment kit comprehensively includes audio-visual warning devices and non-lethal crowd control equipment.

Configuration details:

2 shoulder lights, 1 electronic whistle, 1 roll of reflective warning tape (50m), 4 folding conical barrels, 1 parking indicator sign, 1 loudspeaker, 1 multifunctional command baton, 1 set of horse-tripping ropes, 1 bottle of C600 high-capacity tear gas spray, 1 pair of electric arrest gloves, and 1 aluminum alloy box.



Security Inspection Toolbox

technical parameter :

This toolbox is a company-developed product primarily designed for security inspectors to conduct inspections and security guard duties at key locations and major event venues, including security checks and searches for illegal contraband. It can also be utilized by law enforcement agencies such as public security departments and customs authorities for preliminary inspections and handling of security and bomb disposal operations. The kit contains a non-magnetic probe, high-intensity flashlight, telescopic inspection mirror, laser rangefinder, personal radiation dosimeter, folding goggles, handheld metal detector, and multi-functional utility knife.

(1) Multifunctional tooling fixture

1、 Made of high-quality stainless steel with a camouflage color, this tool measures 23 cm in length and weighs 250 g. It is equipped with a portable Oxford fabric anti-slip handle for enhanced grip and comfort. The primary tools included are pliers, wire cutter, knife, crosshead screwdriver, file, serrated knife, flathead screwdriver, can opener, and bottle opener, all integrated into a single unit.

(2) Carry a metal detector

1. Dimensions: 376mm x 80mm
2. Power supply: Standard 9V alkaline stack battery
3. Sealing performance: IP64
4. Alarm mode: Synchronized audio-visual alarm with vibration alerts
5. Product weight: 190g

(3) Non-magnetic probe

1、 Special non-magnetic materials are employed for underground or cargo storage/transportation inspection, enhancing safety factors during hazardous material inspection. The telescopic design facilitates portability.

- 2、 Extension length: 820mm
- 3、 After contraction, length: 520 mm

(4) Extensible arm mirror

The telescopic inspection scope is primarily designed for areas that are difficult to inspect directly by personnel, such as vehicle undercarriages, shafts, underground spaces, roofs, ceilings, and pendant lights. By adjusting the mirror angle, any location can be viewed, and the telescopic rod length is adjustable. This product is portable, highly flexible, and easy to operate, making it widely used in departments such as public security, explosion prevention, security inspection, armed police, and customs.

- 1、 Working length: 680mm-2040mm, adjustable as needed
- 2、 Mirror length: Diameter 150mm
- 3、 Mirror material: convex reflective surface
- 4、 Power source: Battery-powered, with a continuous operating time exceeding 7 hours
- 5、 Light source: High-intensity illumination

(5) High-intensity flashlight

The high-intensity flashlight provides bright illumination; features a front-mounted touch switch for low-light/high-light modes and flash mode, with an attack head at the front end capable of causing pain and subduing effects. Constructed from aerospace-grade aluminum alloy, it is waterproof, pressure-resistant, and impact-resistant. The bulb has a lifespan of 100,000 hours with a brightness of 130 lumens. It maintains continuous high-intensity illumination for over 5 hours and can withstand 1,000 charge cycles.

(6) range finder

- 1、 Power supply: 750mAh high-quality lithium battery
- 2、 Laser wavelength: 905nm
- 3、 Telescope magnification: 7x
- 4、 Measurement range: Height 270 meters, Distance 250 meters, Angle 60 degrees, Speed 0-300 km/h
- 5、 Telescope objective aperture: 24mm
- 6、 Refractive error: $\pm 3^\circ$

- 7、 Dimensions: 40x105x73mm
- 8、 Product weight: 190g

(7) personal dosimeter

- 1、 Dimensions: 99x69x24mm Weight: 108g
- 2、 Types of detected radiation: γ -rays, X-rays, and hard beta rays
- 3、 Detector: Energy-compensated GM tube (grade Geiger counter)
- 4、 Dose equivalent rate: 0.00~1000 μ Sv/h (10mSv/h)
- 5、 Accumulated dose equivalent: 0.00uSv to 500.0mSv
Language: Chinese + English, switchable at will
- 6、 Energy range: 48keV~15MeV $\leq \pm 30\%$ (for 137Cs-).Relative inherent error: $\leq \pm 596$ (137Cs 1mSv/h).Sensitivity: 80CPM/ uSv/h (for Co-60)
- 7、 Dose rate units: μ Sv/h, μ Gy/h, mR/h, cps cpm Switch arbitrarily.
- 8、 Power supply method: Built-in polymer lithium battery
- 9、 The battery provides a 24-hour runtime for over 7 days.
- 10、 Eight alarm thresholds are available for both dose rate and cumulative dose value at current settings.
- 11、 Alarm methods: sound, vibration, light

(8) Folding mirror

Designed for detecting hard-to-reach areas, the device features an antenna-like stretchable and retractable mechanism. Its dual-ball-and-one-well connection allows the detection mirror to rotate to any position. The foldable optical inspection mirror is primarily used for examining hard-to-reach areas during personnel inspections. The unique folding rod design not only saves space but also ensures portability. The LED light source consumes minimal power, provides uniform illumination, and offers extended continuous lighting duration, making it a powerful tool for assisting personnel in surveying non-intuitive inspection areas during field operations.

Key features: Lightweight, compact size, and easy portability.

LED light sources consume less power, provide uniform illumination, and offer extended continuous operation time.

technical parameter :

- 1、 Folding dimensions: 155mm x 85mm x 20mm | Unfolding length: 600mm
- 2、 Mirror dimensions: 140mm x 75mm Application scope:

Applications: Public security, explosion prevention, security inspection, armed police, customs, and other departments





First-Line Police Officers' COVID-19 and HIV Prevention Equipment Kit

technical parameter :

The frontline police officers' anti-epidemic and HIV prevention equipment kit includes epidemic prevention supplies and HIV transmission prevention equipment.

Configuration details:

2 sets of disposable medical protective suits; 2 sets of disposable sterilized isolation gowns; 10 disposable medical masks; 1 box of disposable medical protective gloves; 2 pairs of reusable medical latex protective gloves; 2 pairs of medical goggles; 10 N95 masks; 1 bottle of hand sanitizer (no-rinse); 1 bottle of medical disinfectant alcohol; 1 box of disposable disinfectant wipes; 1 box of disposable alcohol disinfection tablets; 1 medical isolation protective sheet; 1 portable ultraviolet disinfection device; 1 aluminum alloy container.



Explosion-proof blanket

[Model:FBT-RD]

The explosion-proof blanket consists of an explosion-proof cover and an explosion-proof fence. It features lightweight construction, easy portability, simple operation, and excellent blast resistance. It is primarily used for the isolation and protection of explosives, explosion-proof equipment, valuable instruments, cultural relics archives, and special public areas. Depending on user requirements, single or double fences can be configured.

Material: High-strength polyethylene, steel plate single fence explosion-proof blanket. Specifications and dimensions:

Single fence: 1.2m; dimensions: 40 (diameter) × 40 (height) cm; cover mat dimensions: 120 (length) × 120 (width) cm

Single fence: 1.6m; dimensions: 60 (diameter) × 60 (height) cm; cover mat dimensions: 160 (length) × 160 (width) cm

Specifications of double-fence explosion-proof blanket: Inner fence 40 cm (diameter) × 40 cm (height), outer fence 60 cm (diameter) × 20 cm (height).

The carpet measures 120 cm in length and 120 cm in width, or 160 cm in length and 160 cm in width.



explosion-proof tank

[Model:FBG-G1.5-RD]

Material: Constructed from high-strength carbon steel plate with a wall thickness of 30 mm, stainless steel decorative panel, and reinforced at the tank base.

Specifications of explosion-proof internal tank: net height (mm) φ800, outer diameter (mm) φ660

Total weight (kg): 270;

Explosion resistance capability: Capable of withstanding the blast energy of 1.5kg TNT, accommodating all lateral explosion fragments, with the outer tank body remaining intact and no cracks.

Precautions: The tank should be placed at a height of over 6 m above the ground and away from chandeliers, and other objects that may produce splashes and cause injuries if damaged. Although certain noise reduction and explosion-proof features, the explosion sound remains loud in a large range. Personnel should maintain a safe distance of 4 m and protect their eardrums. Ensure there are no obstacles. Upon detecting an explosive device, it should be handled gently by professionals (professionals) and promptly placed into a container, then towed to an open outdoor area using a towing vehicle. Must be conducted.

Service life: can be stored permanently if no explosion occurs;

Implementation standard: "GA871-2010 Explosion-proof Tank";



Trailer-mounted automatic flip-top explosion-proof tank

[Model:FBG-RD02 type]

Dimensions: 100 (inner diameter) * 70 cm (opening diameter)

Material: Solid low-carbon ferrous alloy

Explosion-proof capacity: 3kg TNT

Net weight: 1590kg

Application: The trailer-mounted automatic flip-top spherical explosion-proof storage tank features automated control and video operation capabilities, making it suitable for long-distance transportation of explosive materials. When explosives require no relocation or transfer procedures, they can be directly detonated within the tank. Meeting the rapid response requirements of public security agencies and armed police forces, this equipment is particularly well-suited as explosive disposal gear for law enforcement departments and military units. It also serves military-industrial enterprises and companies conducting blasting operations for transporting explosive substances.



Ball-Shaped Explosion-Proof Storage and Transportation Tank With Wheel

[Model:JBG-750]

This method is applicable for storing suspicious explosives or hazardous materials at airports, docks, stations, subways, sports venues, exhibition halls, squares, conference centers, security checkpoints, as well as on passenger and cargo ships and railway trains. It can also be used to transfer or transport explosive hazardous materials via specialized trailers, or directly destroyed within storage tanks. Additionally, it is suitable for military enterprises, armed forces, and mining operations involved in the storage and transportation of pyrotechnic materials.

action principle :

The tank cover is mounted inside the tank body and connected to it via support arms, swing arms, and a rotating shaft. The tank cover is controlled to open or close through an automatic switching mechanism.

Explosive resistance (Kg) TNT equivalent: 2

Tank weight(Kg): 620

Total weight(Kg): 670

Basic dimensions (mm): Inner diameter φ 750; Outer diameter φ 530. Dimensions (length \times width \times height, mm): 950 \times 880 \times 950.

Control box technical specifications:

Control box dimensions (mm): 365*265*165

Weight (kg): 7.4 (including 2.3 kg of motor cable)

Power supply: AC220V \pm 10%, load power <100W

Control distance: 30m

Environmental temperature: -10 $^{\circ}$ C~+60 $^{\circ}$ C

Environmental humidity: Relative humidity \leq 80RH (no condensation)





Explosive-Proof Suit

Material: Made of Kevlar fiber, with Nomex 111 waterproof and fire-resistant material applied on the exterior surface of the fibers.

Fire resistance rating: Complies with NATO Standard STAN NATO 2920;

Explosion-proof suit: 600 m/s (excluding blast-resistant panel);

Explosion-proof plate: 1800 m/s (abdominal and thoracic regions), neck: 924 m/s

Helmet: 620m/s;

Helmet with face shield: 780 m/s;

Power supply: 12V DC external power slot;



Weight: The explosion-proof suit with blast plate weighs 30kg, while the version without blast plate weighs 17kg. The helmet with face shield weighs 4.8kg.

Functional Features: The Mk5A is currently the world's most advanced and flexible explosive ordnance disposal (EOD) suit with high safety performance. The new Mk5A EOD suit, equipped with a modern helmet, is specifically designed for EOD experts, providing a comprehensive protection system to the highest standard. It has served as the replacement for the MK4 model for NATO member governments and numerous other countries worldwide over the years.

Search Bomb Service

This product is designed for individual bomb detection operations. Its outer layer utilizes flame-retardant materials and Kevlar fabric incorporating cutting-edge technology, featuring a dedicated compartment for storing bulletproof steel plates. The lightweight design ensures easy mobility and comfortable operation. The detachable arm section allows for adjustable comfort levels, while the PC-material face mask integrates seamlessly with the helmet and upper garment's high collar. The protective upper garment covers vital body areas including the chest, back, sides, shoulders, and neck, complete with a specialized pocket for ceramic bulletproof steel plates.

Inguinal protection: Protective plates can be inserted;

Pants: Featuring unique design and flexible movement, they provide optimal protective efficacy.

Key combat skill metrics (V50 standard):

the arm, the upper body, the abdominal plate and the trousers 475 m/s;

Helmet 450m/s Face mask PC Material 450m/s;

Usage: Designed for large-scale explosive detection, not recommended for direct exposure to known explosives.



Mk5 Anti-Bomber Suit

1、 Configuration: Clothing, reinforced protective panels (for chest, groin, abdomen, and neck), spinal protection panels, and multifunctional helmets (including face masks, microphones, earphones, hair dryers, and lighting devices, compatible with any wired or wireless communication systems);

2、 Fire resistance rating: Complies with NATO Standard STANG NATO2920;

3、 Power supply: 12V DC peripheral power slot, charging time: 15 minutes to reach 90% charge.

4、 Communication systems: Wired communication walkie-talkies;

5、 Illumination: Front lighting with rechargeable battery tube;

6、 Helmet: 710m/s,Face mask 740m/s;

7、 Material: Shirt and pants: Protective padding made of Kevlar fiber; Outerwear: Nomex waterproof and fire-resistant material; Explosion-proof panel:

Armored steel plate; Helmet: FRP shell with aramid material inside; Protective goggles: blast-resistant rigid acrylic/poly碳酸酯 material;

8、 Weight: Explosive-proof suit with blast plate: 26kg; without blast plate: 15kg; helmet with face shield: 4.8kg.

Features and Functions: Mk5 is currently the world's most advanced and flexible explosive protection suit with high safety performance. It is equipped with a new-style helmet.

The Mk5 explosive ordnance disposal (EOD) suit is specifically designed for EOD specialists.



Explosive Disposal Robot

[Model:XBOT510]

External dimensions: 830*550*430mm (claw closed)

Self-weight: ≤40kg (including 2 batteries with a total capacity of 24V,20AH; wired cable box)

Robotic load capacity: ≥10kg

Maximum speed: ≥1.5 m/s, with remote control and stepless speed adjustment

Turning radius: rotate in place

Obstacle clearance capability: ≥200mm obstacles | ≥330° stairs | ≥35° slopes, adaptable to environments such as grassland, sandy terrain, snow, and gravel.

Working time: 3-hour cruise

Protection rating: IP65

Effective arm length: ≥160mm

Effective arm swing angle: 0°~+360°

Degree of freedom of the machine arm: 7+2 degrees of freedom

Maximum weight of robotic arm: ≤15kg

Gimbal external load capacity: 0.5kg (fully extended)

Base rotation angle: -120° to +120°

Upper arm pitch angle: 10°~180°

Anterior-posterior arm angle: 20°~180°

Wrist rotation angle: -150° to +150°

Claw grasping range: 3~170 mm (not less than this range)

Pan-tilt angle: -0° to +90°

Pan-tilt rotation angle: 0° to +360°

Climbing camera gimbal: -20°~+30°

Arm grasping capacity: ≥8 kg (fully retracted)/≥3 kg (fully extended)

Vertical grasping height: ≥1200mm

Horizontal grab distance: ≥1150mm

Pan-tilt observation height: ≥1900mm

Camera count: 4

Driving camera: Color CCD camera with high-brightness LED illumination and infrared sensing night vision

Front-facing camera for claw: Color CCD camera with infrared sensing night vision

Rear-view camera for claws: Color CCD camera with infrared sensing night vision

Pan-tilt camera: 36x optical zoom, high-brightness LED illumination, infrared sensing night vision

Pan-Tilt Mechanical Expansion Interface: Compatible with Picatinny Rail Universal Interface

Electrical expansion plug: 1 RS485 port

1-channel image interface

Power supply: 1 channel, 24V/10A

1 Power supply: 1 2V/5A

Communication: Wireless communication: ≥100m (open outdoor environment); Wired communication: ≥100m (open outdoor environment); Range-extending antenna: ≥300m (open outdoor environment)

Attachment tools: Customizable dedicated interfaces and tools (e.g., explosive disposal devices, probes, etc.)

Control box dimensions: 470*350*180 (mm)

Weight of control box: ≤12kg

Display size: 12-inch high-brightness LCD

Display image: Monitor 4 video signals simultaneously or amplify one channel individually

Output interface: Av-out interface, supports external display or recording devices

Working hours: ≥3 hours

Battery capacity: 12V9A high-capacity battery





Explosive Disposal Manipulator

[Model:HWJXS-11]

This ultra-lightweight, high-strength explosive disposal system enables bomb disposal personnel to safely transfer explosives using specialized rods or transfer them to disposal tanks for detonation. The electric bomb disposal robotic arm assembly includes a manipulator, robotic arm, battery compartment, and control systems. The robotic arm consists of carbon fiber hollow rods interconnected, with the manipulator fixed at one end and the opposite end equipped with battery-powered counterweights. A shoulder strap on the extended arm allows for easy shoulder carrying. Key features include a maximum mechanical rod length of 4.2 meters, a gripping capacity of 20kg, all joints utilizing aviation-grade connectors, and integrated wiring systems that ensure operational safety in hazardous environments. Designed for portability and rapid deployment, the system requires only a trained bomb disposal specialist to install the explosive disposal rod within 5 minutes. The manual gripper enables rotational adjustments for multi-directional object handling.

Detailed description:

Control: Electrically controlled mechanical arm for opening/closing, with front-end mechanical arm capable of 360-degree manual rotation and height-adjustable bracket equipped with casters. Electric gripping ensures safety and reliability, with switch activation completing gripping/rotation operations; stable speed and high safety performance; adjustable arm angle allows insertion into explosion-proof tanks.

Assembly convenience: modular design for easy portability/assembly, with assembly completed within 5 minutes.

Lightweight design: The explosion-proof rod section weighs only 10kg; using batteries as counterweights, the total weight of this equipment is merely 25kg.

High clamping strength: The lightweight carbon fiber material with high strength can grip heavy objects weighing up to 20kg (compared to 3.5kg for similar products).

Length: The maximum length reaches 4.2 meters, significantly enhancing the personal safety of bomb disposal personnel.

Power supply: Built-in rechargeable battery with a continuous operating time of 3 hours;

Visual system: A 420-line high-resolution CCD camera and LCD screen enable operators to monitor and handle objects in real-time. The front-end infrared camera supports nighttime operation. The LCD screen features light-resistant functionality, ensuring reliable handling of explosives under intense outdoor lighting conditions.

Mechanical rod weight: 10kg

Battery weight: 6kg

Total length: 4.2 meters

Manual gripping force: 20 kg (measured under full load conditions)

Continuous operating time: 3 hours (measured under full load conditions)

Manipulator rotation: 360°

Up and down angle of the manipulator: 180°

Camera resolution: 420 lines

Display:LED

Material of mechanical rod: carbon fiber

Assembly time: ≤5 minutes



Explosive Disposal Device

[Model:HW-38A]

This product is designed to destroy various types of hazardous materials and explosives packaged in simple containers that are not suitable for direct human disassembly. The destruction device consists of a gun barrel, support frame, and electric ignition mechanism. It can fire different types of projectiles such as water and metal pellets.

Complete product suite: featuring advanced technology, rational structure, high power output, user-friendly operation, and safe usage.

It can be used independently or installed on an explosion disposal robot. The device is equipped with a laser red dot sight.

Preparatory device. During explosive disposal operations, simply align the laser red dot with the suspected explosive and adjust the muzzle.

Position the device within the specified distance from the suspected explosive, then operate the detonator to initiate the explosion device.

Firewater cannon firing diameter: 38mm

Total length: 450mm

Breakdown capability of acrylic glass projectiles, shovel-shaped projectiles, and perforating projectiles: 0.8 mm steel plate

Penetration capability of perforating projectile: 40mm pine board

Weight (barrel): 10.5 kg

Arcing current: 1.0A

Arcing voltage: 3-9V



Post-explosion explosive disposal device (water cannon)

[Model:JQW2007]

The explosive force generated by igniting the propellant cartridge instantly ejects water from the firing tube, creating two high-speed, high-pressure water jets. One jet destroys the explosive, while the other neutralizes recoil, making it a recoil-free demolition device. This product features advanced technology, safety, reliability, quick operation, and high power, making it particularly suitable for robotic installations.

Product features:

Compact and portable, with easy operation;

The shape is simple and easy to install on the robot.

Low consumption of materials and low operational costs;

Simple structure, easy to maintain and service;

application environment :

Explosive and suspicious material disposal

Total length of the transmitter: 360 mm

Outer diameter of transmitter: 42mm

Transmitter caliber: 12.5mm

Propellant cartridge diameter: 27mm

Propellant cartridge length: 45mm

Breakdown capability: 80 mm for wooden boards / 1 mm for steel plates

Weight: 2.5 kg



High Power Portable Frequency Jammer

[Model:RD-GRY-01]

The interferometer consists of a host unit, controller, control cables, and antenna. The host unit is powered by AC220V mains electricity or an integrated rechargeable battery. Transmission coverage frequency: F1 channel: (14~150) MHz; F2 channel: (150~350) MHz; F3 channel: (380~472) MHz;

MHz; F4 channel: (838~880)MHz; F5 channel: (929~962)MHz; F6 channel: (1800~1920)MHz; F7 channel: (2120~2190)MHz; F8 channel: (2297~2705)MHz; F9 channel: (5715~5832)MHz Channel output power:F1 channel: 23.0W; F2 channel: 41.9W; F3 channel: 30.0W; F4 channel: 38.1W;

F5 channel: 71.0W; F6 channel: 64.6W; F7 channel: 40.4W; F8 channel: 50.0W; F9 channel: 36.0W.

Total weight: 40.6 kg

Number of antennas: 5 external and 4 internal

Blocking distance: When operating on China Mobile's 2G network, the HUAWEI MLA-AL10 smartphone experiences signal reception levels ≤ -65 dBm. At a distance of 100m from the prototype device, the phone fails to establish successful call connections.

Output power: 395W

Number of interference modules: Equipped with 9 interference modules, each module features an independent control switch.

Frequency setting function: You can select and adjust the frequency on the controller's LCD display.

Wired control range: 10m

One-click startup: Start the host with a single click using the switch on the host.

The plug-and-play module design facilitates subsequent maintenance and upgrades without affecting the normal operation of other modules, while enabling rapid repairs in emergency situations.

Implementation standards: GB16796-2009 Safety Requirements and Test Methods for Security Alarm Equipment; QJSRD 002-2017 (Enterprise Standard)





III. Emergency Rescue Equipment

All-around automatic floodlighting work lamp

[Model:BHL630]

Dimensions of telescopic air rod: 1350*500*800 (mm)

Shape dimensions of the light tray: 500*470*380 (mm)

Weight: 45kg

Rated voltage: AC220V

Light source power (Philips lamp head): 4*500W

Light coverage radius: 45-65 meters

Continuous operating time (full oil injection): 13h

The rated output power of the generator set is 2000W.

Tank rated capacity: 15L

Maximum gas cylinder lift: 4.5m

Wireless remote control range: 50 meters

Generator output voltage: AC220V

External protection rating: IP65



Portable Emergency Lift Worklight

[Model:RD-BHL637]

Rated voltage: 18.5V

Light bulb power: 30W

Luminous flux: 4600 lm

Average service life: 100,000 h

Continuous operating time: 12 hours under intense light

Working light duration: 20 hours;

Weight: Lamp head 1.5 kg

Protection rating: IP65

Wind resistance: Level 8

Battery life: ≥1000 cycles

Power supply: 100AH ultra-large capacity battery

Features: 2×35W xenon lamps, 3-meter automatic lifting rod, remote-controlled light switch, pneumatic automatic lifting function, horizontally stackable cylinder, adjustable rod height, and 26-hour power generation capacity.



Explosion-proof floodlight work lamp

Rated voltage: DC24V

Rated capacity: 20Ah

Light source power(LED): 30W

Light source luminous flux: 3200 lm

Average service life of light source (LED): ≥10,000 h

Continuous discharge time: 10h

Charging time: 10h (after normal use) / 12h (when the battery is depleted)

Battery life: ≥1000 cycles

External dimensions: 220×246×646 mm (length×width×height)

Weight: 15kg



Portable lighting fixture

[Model:RD-BHL656]

Rated voltage: 18.5V

Light bulb power: 30W

Luminous flux: 4600 lm

Average service life: 100,000 h

Continuous working time: 12 hours under intense light and 20 hours under working light

Weight: Lamp head 1.5 kg

Protection rating: IP65

Battery life: ≥1000 cycles

Dimensions: 550*450*290 (mm)



Portable Lift Emergency Lighting Lamp



[Model:JG139144W]
 Charger: 14.8V 4A
 Battery type: 12V 33Ah
 Lamp height (m): 2.01
 Box dimensions (mm): 670*510*372
 Luminous flux (LM): 11000/5200/2400
 Lighting time (h): 7/13/30
 Charging time (h): 10
 Power: 160W
 Weight: 26kg
 function Introduction :

The enclosure is constructed with high-strength plastic and incorporates advanced waterproofing technology, ensuring the system exhibits wear resistance, water resistance, dust resistance, anti-static properties, impact resistance, and corrosion resistance.

The lighting system can be easily and quickly disassembled and reassembled, then placed into a waterproof safety box for convenient transportation. It is powered by rechargeable batteries, eliminating the need for generators, and offers energy efficiency, high performance, environmental friendliness, and noise-free operation.

The lighting lamp has strong light, working light and weak light functions.

The strobe light feature makes it easy to send an SOS call for help.

Portable Mobile Lighting System I

[Model:T139H]

Light source:LED

Rated power: 108W (36×3W)

Rated voltage: DC 12V

Battery capacity: 26AH

Illumination duration: 3 hours under strong light / 6 hours under working light / 18 hours under weak light

Luminous flux: 10000 Lm

Maximum height: 2.7m

Product weight: 9.1 kg

Utilizes Cree light sources with high luminous efficacy;

Adjustment of lamp head position (forward/backward/up/down) with simple switching between focused and floodlight modes;

360° omnidirectional lighting with adjustable single-direction illumination;

Rotary locking mechanism with clockwise tightening and counterclockwise loosening for faster and more stable operation; equipped with intelligent battery level display function for quick and easy battery replacement to extend illumination duration; high-energy lithium battery featuring long lifespan, no memory effect, rapid charging, minimal self-discharge, and high safety performance.



Police explosion-proof searchlight

[Model:RD-F901]

Material: Aviation aluminum alloy 6061-T6

Dimensions: 134mm*68mm*110mm

Oxidation: Thickened anodized, silver color

Voltage: 3.7V

Beads: 3 CREE Q3 3W LEDs

Switch: High/Flash

Discharge time: 3-8 hours under strong light, 6-16 hours under weak light

Battery: 6Ah high-capacity lithium battery

Brightness: 420 lumens in bright light, 200 lumens in dim light.

Color temperature: 6000K; Weight: 600g

Packaging: Magnetic gift box packaging

Features: High brightness, excellent cost-performance ratio, and strobe function for signal light applications.

Scope: Waterproof and explosion-proof searchlights. Primarily used in military units, firefighting, railway, petroleum, power, and related industries.





Portable Lighting Device

[Model:GR-SJF-1 type]

It can be quickly unfolded or folded within 1 minute; the retractable design allows it to be used as a spotlight or panoramic lighting fixture.

It is easy to carry and store, with shoulder straps;

The high-intensity mode delivers an output of no less than 20,000 lumens with a maximum irradiation distance of at least 2,000 meters, suitable for long-range search lighting; the low-intensity mode maintains a battery life of no less than 40 hours at 2,000 lumens, ideal for extended on-site emergency response and nighttime security operations in major events; it combines two operational modes: 360° panoramic illumination and 12° focused illumination.

The system must have a minimum height of 3.5 meters, a storage length not exceeding 1.4 meters, and a weight not exceeding 30 kilograms. The tripod is made entirely of carbon fiber. Waterproof rating: IPX7 or higher.

The base bottom can be equipped with windproof sandbags when exposed to wind conditions to enhance stability.

The bracket is equipped with yellow reflective strips to enhance safety and visibility;

Rechargeable polymeric anode ion battery with 4 brightness levels for power supply;



Manual-Operated Charging Inspection Work Light

[Model:RD-BHL551]

Continuous discharge time: 8H for high-intensity light, 35H for working light, and 42H for general light. Hand-cranked speed: 30 min (charging time of 1 minute determines working duration).

Rated voltage: DC3.7V

Rated capacity: 4000mAh

Rated power(LED): 3W

High light flux: 3400lm

Charging time: 6 h (normal)/8 h (exhausted)

Battery life: ≥1000 cycles

Maximum range: 3000m

Dimensions: 222*87*127 (mm)

Weight: 0.79 kg



Portable High-Intensity Search Light

[Model:RD-410]

The light source employs ultra-high-power, ultra-bright white LEDs, delivering high luminous efficiency with a lifespan of up to 100,000 hours.

It features four lighting configurations: working light, high-intensity light, strobe light, and red signal light, catering to diverse operational environments.

The reflector employs advanced surface treatment technology, achieving high reflection efficiency with an illumination range exceeding 1000 meters.

Possesses superior magnetic adsorption capability, facilitating customer use and enhancing work quality;

High-energy memoryless battery with large capacity, zero pollution, and low self-discharge rate;

The device employs intelligent chip control with an output circuit featuring smart reverse polarity protection to ensure lighting quality. It supports various carrying methods including handheld, shoulder-mounted, and buckle-style attachment, offering an aesthetically pleasing design with compact size and lightweight construction.



Vehicle operation light



Special police adjust flashlight focus





Long-Range Multifunctional Rescue Pole Assembly

[Model:JHW-17]

Utilizing the world's lightest and most advanced carbon fiber materials, this equipment can extend up to 17 meters in length when deployed, with a self-weight of approximately 5 kilograms. Its front end is equipped with interchangeable rescue tools, making it suitable for various water environments including shorelines, flood-prone areas, mountain gorges, winter ice surfaces, mudswamps, and maritime scenarios. Upon detecting drowning victims or trapped individuals, rescuers can conduct safe long-distance operations from shore or onboard vessels. The device features diverse tool configurations tailored to different rescue scenarios, capable of assisting aquatic and mountain rescues, retrieving bodies or floating debris, and capturing aquatic animals. Compared to traditional life-saving equipment, it stands out with superior portability, compact size, space-saving design, user-friendly operation, maintenance-free operation, and enhanced safety features.



Police First Aid Kit

[Dimensions: 310*205*185(mm)]

Main materials: aluminum strip frame, aluminum alloy sheet, high-hardness iron handle.

Features: High-strength aluminum alloy outer frame with corrugated metal corners, providing impact and wear resistance.

The lock mechanism is made of high-grade iron material to effectively protect pharmaceuticals. A high-strength iron handle is provided for easy carrying. Basic configuration includes: one stethoscope, one set of blood pressure monitors, one pack of dressing tin, one thermometer, one roll of bandage, one tourniquet, one pack of degreased gauze, one pack of degreased cotton wool, two rolls of rubber bandage tape, one pack of wound dressings, one pack of medical cotton swabs, one bottle of iodine solution, one bottle of red gong, one bag of alcohol-soaked cotton balls, one bottle of Yunnan Baiyao, one bottle of nitroglycerin tablets, two pairs of latex medical gloves, one roll of elastic bandage, one pair of small scissors, two mouth-to-mouth resuscitation masks, one pack of disposable gloves, one set of medical pliers, one roll of medical PE adhesive tape, one triangular bandage, five safety pins, one life-saving whistle, two cooling patches, two medical masks, two burn dressings, two scald dressing patches, one emergency blanket, and two ice packs.



Rescue/Infrared Audio-Visual Life Detector

Technical specifications: Wireless data transmission enables wireless transmission of images from disaster relief sites to the disaster relief command center. Equipped with a wireless video receiver and 8GB storage capacity, it supports search video recording. The device features a miniature rotating camera with a maximum outer diameter of 40mm, capable of 360-degree rotation and 180-degree tilting. It is internally equipped with 8 infrared searchlights and incorporates night vision functionality.

Infrared probe with night vision capability, capable of detecting objects within 6 meters in curved or dark environments, with a maximum outer diameter of 32 mm.

Equipped with two-way communication functionality, it can integrate with third-party call systems to facilitate multi-party dialogues. Through translation or medical intervention, trapped individuals can be effectively reassured, ensuring rapid progress in rescue operations.

The flexible connection between the probe rod (camera) and the display unit (host) facilitates the movement and rotation of the probe rod, allowing its head to bend freely, thereby significantly enhancing the flexibility of rescue operations.

The handheld probe rod can achieve a maximum telescoping height of 2.15 meters and a closed length of 0.7 meters. Its visibility range in a fully dark environment reaches 6 meters, representing the highest level achievable by current video detection equipment.



Celox Hemostatic King (King of Hemostasis for Major Arterial Bleeding)

Active ingredient: Chitosan

Product Features: Rapid, safe, simple, and reliable. Celox Hemostatic King is a highly efficient, high-tech biological hemostatic product that is the only one capable of rapidly stopping arterial bleeding without adverse reactions, designed for pre-hospital emergency care and self-rescue.



Sleep Bag [Police Blue][Camouflage]

Dimensions: (190+30)*75cm

Weight: 1.5KG

Fabric: Hollow cotton filler, 190T viscose-spun coated water-repellent

Lining material: 190T Chunya Spinning





Single soldier tent (cotton)

[Model:RD-ZP09]

Dimensions: 2*2*1.3 (m)

Fabric: 300D waterproof Oxford fabric (optional military-grade or camouflage finish)

Lining: 150D white Oxford fabric

Insulation layer: 5mm acupuncture blanket



Quick-opening tent

Material: 190T polyester PU coating

Dimensions: Outer folder 230*193*145 (cm); Inner folder 210*180*130 (cm)

Weight: 3.6 kg

Package size: 78*19 (cm)



air matting

Specifications: 185*55*2.5(cm)

Material: The outer layer is 190T PVCDE fabric, with a full-fat sponge inner layer.

Color: Camouflage

Other: Pillow with Nine-Point Double Pile

Weight: 0.9 kg



Police inflatable tent (customizable)

- 1、 Full exterior dimensions: 5×6m, 5×8m,5.5×10m
- 2、 Outer canvas: 666D*666D polyester waterproof canvas.
- 3、 Air column: Plato 0.7mm airtight cloth.
- 4、 Lining: 210D plain Shumei silk.
- 5、 Flooring: 600G thick eco-friendly PVC flooring.
- 6、 Door size: 1.5×2.2
- 7、 Window size: 60×80
- 8、 The gas column is equipped with a charging and discharging valve, a safety valve, and a gas replenishment valve.
- 9、 High-voltage electric charging and discharging pump, repair kit, and fixed accessories.
- 10、 The tent is equipped with 2 warm/hot air outlets and 4 valve door openings.
- 11、 The main structure of the gas column is manufactured using high-frequency heat-sealing technology and must be constructed with double-layer splicing to ensure structural integrity.
- 12、 The bottom gas column serves as a wind-resistant pull ring. It plays a reinforcing role in harsh environments.
- 13、 Working pressure: 20–35 KPa
The ultimate pressure is 60 Kpa.
- 14、 The temperature range of adaptation is-25℃→+70℃.
- 15、 Inflation time: 8-20 minutes
- 16、 Wind resistance rating: ≤8 level.
- 17、 The packaging features a military-grade canvas cotton bag with a handle for easy transportation.



Single tent (single)

[Model:RD-DZ03 type]

Dimensions: 2.05*0.83*0.92 (m)

Dimensions: 2*0.7*0.9 (m)

Usage area: 1.64 m². The tent features a support rod structure with 7.9 mm rods connected via connectors, offering lightweight design and excellent rainproof performance.



Weight: 2.4 kg characteristic

The raincoat-style single-person tent features 420D digital camouflage Oxford fabric on the top and 420D military green Oxford fabric on the base, with a 10mm thick foam padding. When encountering wind or rain, simply unfasten the three-side zippers and open the bottom zipper to separate the tent body from the waterproof pad. Drape the tent over your body, unzip the hood, and wear it as a raincoat to keep you dry. The waterproof pad can be used independently. When folded, it measures 22cm in diameter and 60cm in length, forming a compact bucket-shaped design.

Toilet Tent

The tent features a double-slope frame structure, measuring 8 meters in length, 3 meters in width, with a roof height of 2.56 meters and side walls of 1.8 meters. Each gable wall has a door, and the side walls are equipped with ventilation screens. The walls maintain a 50mm clearance from the ground, and the tent's roof is fitted with four skylights, ensuring excellent ventilation. After packaging, the total weight is 190.36 kg, and the volume is 0.3 m³.

The tent cover fabric is made of 28*2 grass green polyester waterproof canvas, which exhibits excellent properties such as tensile strength, tear resistance, aging resistance, and rain protection.

The tent features a rational structural design, ensuring safety and reliability with a service life exceeding 3 years. It is equipped with 8 squatting positions and 7 partition curtains. The lower section of the wall is fitted with replaceable plastic hanging fabric for easy maintenance, providing excellent hygiene performance.

The tent features a simple structure and easy assembly/disassembly. It can be set up in 25 minutes per 10 people and fully dismantled in 20 minutes per 10 people.



Four-fold aluminum alloy stretcher

Expanded dimensions: 212*55*13 (cm)
 Folded dimensions: 58*14*24 (cm) Weight: 6.5 kg
 Load-bearing capacity: 159kg



Aluminum Alloy Double-Fold Stretcher

Expanded dimensions: 190*50*3 (cm)
 Folded dimensions: 95*50*7 (cm)
 Self-weight: 4kg
 Load-bearing capacity: 159kg



Nylon soft ladder

Dimensions: Rope diameter 18mm, crossbar spacing 35cm, rib diameter 22 mm, rib length 35cm. Material: The rope is woven from polyester filament, with upper and lower tubes being insulated pipes.
 Load capacity: 150kg
 Crossbar negative force: 160kg
 Ultimate negative force: 1.6T
 Customizable length: Available in 6m,8m,10m,12m,15m,20m, and 30m specifications.



Portable metal soft ladder

Composition: steel wire rope, aluminum alloy tube, hook
 Load capacity: 350kg
 Customizable length: Available in specifications of 6m,8m,10m,12m,15m,20m, and 30m. Functional features: In the event of a fire in a high-rise building, the hook can be attached to fixed objects near the window, allowing individuals to quickly escape by climbing the soft ladder to the ground. Compact in size, lightweight, easy to carry, and safe to use.



Portable Stainless Steel Extensible Ladder

Dimensions: Extended 3.8m, retracted 0.758m, beam width 48cm, pedal spacing 29.5cm
 Load capacity: 350kg
 Net weight: 11.1 kg
 Features: Features include extensibility, lightweight design, robustness, and portability, allowing it to be stored in the vehicle trunk.



Quick-Folding Ladder

SDRB-2F

The quick folding ladder can be unfolded into a straight ladder, folded into a V-shaped ladder, or used as a workbench.
 The total unfolded length is 3.8 meters, the height when folded into a A-frame ladder is 1.8 meters, and the height when folded into a workbench is 1.1 meters.
 Load-bearing capacity: 300 kg;
 Pedal spacing: 29 cm
 Folded dimensions: 101*28*38 cm
 Net weight: 11.1 kg
 Features: High-strength aluminum alloy structure, joint connection technology, significant space-saving for storage, surface film protection treatment, and bright white luster.



Folding Ladder

[Model:RD-DLZT]

Materials: 6005-T5 aerospace-grade aluminum alloy and stainless steel composite material
 Rapid deployment: The tactical ladder can be deployed within seconds.
 Durable: Tested to withstand a load of 300 pounds (140 kg)
 Portability: Can be placed in the car trunk or on the rear seat
 Applications: police, military, customs, firefighting, disaster response
 Characteristics: Reliable, robust, suitable for use by police, military forces, and emergency response scenarios
 Load: 250kg
 Maximum deployment height: 5.79m
 Minimum contraction height: 1.52m
 The extension height of the ladder: 1.52-2.74 m
 Straight elevator extension height: 3.35-5.79 m
 Weight: 18.9 kg



Manufacturing equipment



Life Jacket

[Model:RD-JSY01]

Product specifications: 58*43 (cm)

Buoyancy: The buoyancy can support an adult weighing approximately 70-80 kg.

Material: Polyethylene foam plastic, a high-quality lightweight buoyant material. The life jacket fabric is made of waterproof specialty material, which effectively prevents water ingress and enhances buoyancy in water.

Buoyancy $\geq 73.5N$, with one whistle sewn on the chest, and a total reflective material area of $\geq 200cm^2$ on both the front and back.

Performance: The shoulder and harness strength of the life jacket is $\geq 882N$, ensuring no damage or displacement during the wearer's dive into water. With the head above water and the body perpendicular to or tilted backward, the wearer can swim 25m underwater and independently ascend onto a rigid platform elevated 30cm above the water surface.



SDRE-1G Life Jacket

Color: orange, red;

Buoyancy material: EPE foam plastic, with buoyancy loss not exceeding 5% after 24 hours of immersion; Area of reverse reflective strip: $\geq 400 m^2$ in static equilibrium state;



buoy

Material: High-density polyethylene (HDPE), internally filled with high-density polyurethane closed-cell foam plastic

Dimensions: Outer diameter 723mm, inner diameter 456mm.

Thickness (Height): 95-115 mm Weight: 2.5 kg

Buoyancy: ≥ 14.5 kg

Reflective strip: Standard 3M

Implementation standard: GB4302-2008 Lifebuoy



A Lifeline

Specifications: Diameter 8 mm, Length 20 m

Capacity: 950kg



life-saving floating ring and floating rope

Material: High-strength polypropylene filament yarn

Size: 30m long, 8mm rope diameter

Color: Orange

Note: Life-saving floating rings and floating ropes are used in combination.



camp bed

Expanded dimensions: 196*74*47 (cm)

Folded dimensions: 95*20*11 (cm)

Self-weight: 6kg

Load-bearing capacity: 159kg



Air Matting

Specifications: 152*203*22(cm);

Accessories: exquisite color box packaging, repair patch;

Color: Dark blue;

Weight: 4.72 kg;

Product load capacity: 272 kg;

Main material: 0.53mm waterproof; flocking surface; 0.38mm plastic material base; (can be equipped with electric pump)





gas mask

[Model: RD-MF14] The mask is injection-molded from natural rubber with a matte surface and a tightly fitted frame featuring a folded edge, ensuring comfortable wear and excellent air tightness. It meets the wearing requirements of over 95% of adult citizens. Toxic gas protection duration: equivalent to the performance of the selected canister.

Expiratory resistance: $\leq 98\text{Pa}$ (30L/min)

Visual field: Total visual field $\geq 75\%$, binocular visual field ≥ 60 degrees, lower visual field ≥ 40 degrees, oil mist transmission rate $\leq 0.0005\%$

Mask air leakage coefficient: $\leq 0.0005\%$



protective glove

Model:RD-FST04

Application: Exhibits resistance to cold, acids, alkalis, gasoline cracking, and thermal air aging, with anti-corrosion, waterproof, and sandproof properties. Used to protect against toxic agent droplets, vapors, and harmful chemicals that may cause damage to human hands.

Material: The lining is made of cotton knit fabric, with an outer layer of butyl latex.

Weight: approximately 170g

Antivirus capability:>240 minutes



Protective Footwear

Convenience: Easy to put on and take off, ergonomic design. Five holes are provided in the wider portion of the sole, with a boot strap approximately 2.5 m long running from front to back along both sides of the holes for securing the boot cover. Two boot straps (upper and lower) are included to fasten the boot cover.

Protective performance: The boot cover provides protection for the lower leg. Under experimental conditions of 36°C, it offers protection against VX and soman for over 60 minutes, and against meson gas for over 90 minutes. The sole provides protection against VX and soman for over 120 minutes, and against meson gas for over 160 minutes.

Specifications: Available in two sizes, with the larger size weighing approximately 260g.

The small horn weighs about 240 g.

Features: Suitable for both left and right feet, compatible with liberation shoes, chunky shoes, etc. Offers excellent slip resistance and convenient on/off and carrying.



Fire Blanket

[Model:RD-MHT]

Dimensions: Not less than 1.5m*1.5m

Fire extinguishers are portable, easy to configure, and can be used quickly. They are environmentally friendly and non-polluting. They are made from pure cotton fabric treated with high-efficiency fabric flame retardants.

The fire extinguishing blanket is soft, compact, and non-irritating to the skin. It serves as an ideal and effective external protective layer for individuals and objects requiring isolation from heat sources, and can easily wrap around irregularly surfaced objects without damage, allowing for repeated use.

Implementation standard: GB 23864-2009 "Fireproof Sealing Materials" Q/RD01-2016 Fire blanket



Continuous Protective Clothing

[Model:RD-FFY03]

I. Mechanical Properties

- 1、 Thickness(mm): 0.34±0.05
- 2、 Tensile strength: 6.3 in the longitudinal direction and 5.5 in the transverse direction
- 3、 Stretching rate (%): 16 in the warp direction, 14 in the weft direction

II. Chemical Properties

- 1、 Purification of mustard gas (95% at 36°C ±1°C for 130 minutes): No permeation
- 2、 Cold resistance (-40°C for 5 minutes at 180° folding): No cracks observed
- 3、 Acid and alkali resistance (6N hydrochloric acid, 6N sulfuric acid, trihydrate solution, 36°C ±1°C for 1 hour): No cracks observed
- 4、 Gasoline-resistant cracking (immersion in 120# gasoline for 30 seconds): No cracks observed, no adhesion.
- 5、 Hot air aging (140°C ±2°C * 8 h): Non-stick, non-brittle

III. Primarily applicable to the following scenarios

- 1、 optical emissions, anti-missile liquid propellants, and exhaust gases generated during high-energy fuel combustion;
- 2、 Operators of oxidizers and combustion agents wear protective equipment during operations such as filling and transferring.
- 3、 Carbon monoxide, phosgene, sarin, mustard gas, etc.;
- 4、 Acid and alkali resistance for specific applications;
- 5、 Maintenance of grain warehouses, chemical plants, and urban infrastructure (sewer systems).





Fire-Proof Suit

Color: Silver

Material: The inner protective suit features dual adhesive tape adhesion, a three-layer EX face mask with sealed zipper closure, three exhaust vents, three-layer gloves, short boots, and outer boot flaps. The outer protective suit is constructed with glass fiber cloth coated with aluminum foil, sealed with zipper closure, and equipped with four exhaust valves.



chemical protective clothing

Model: FHF-RD; Material: Nylon-coated PVC
Properties: Flame retardancy;
Damage length: ≤10 cm
Reignition time: ≤2s;
Flame retardancy time: ≤10s, with no dripping;
Weight: ≤5 kg per set



Heavy-Duty Chemical Protective Suit

Fabric: Flame-retardant polyester fiber;

Flame retardancy performance: Flame duration ≤2S; Non-flame duration ≤10S;

Weight: <7KG; damaged length ≤10cm (no melting or dripping phenomena). External adhesive strip stitching, elastic facial opening, self-



Tyvek medical disposable protective suit

adhesive chin flap with respirator compatibility, self-adhesive Tyvek zipper flap, elastic cuffs, trouser hems, and waistband. Anti-static treatment, medical sterilization packaging, China Food and Drug Administration certification.



Underwater Search and Rescue Robot

Technical requirements

1、 Maximum diving depth of the robot: 100 meters underwater.

2、 Robot dimensions: 380mm*267mm*165mm;

4、 Maximum speed: 1.5 m/s;

5、 The battery is removable and replaceable; single-cell battery life: 2-4 hours;

6、 Operating temperature: -10°C to 45°C;

7、 Propellers: 8 propellers for enhanced current resistance capability;

8、 Cardboard-resistant motor, open external design, and replaceable motor;

9、 Motion posture: 360-degree omnidirectional movement;

10、 Wire draw: Tensile strength ≥100kg, standard length 100m, maximum support up to 400m.

11、 Electric winding machine as factory standard equipment

12、 Provide external expansion interfaces including GOPRO port, dedicated underwater LED light port, underwater manipulator port, laser rangefinder port, and underwater water sampling device port.

13、 Maximum resolution: 12MP; Video resolution: 4K@30fps, 1080P@30fps/Slow Motion (120fps), 720P@30fps/Slow Motion (240fps); Maximum video bitrate: 60M; Simultaneous recording of depth and temperature parameters; Support for removable SD cards up to 512GB Class 10; Recording and photography capabilities simultaneously; Time-lapse and slow-motion functions.

14、 IMU: Three-axis gyroscope/accelerometer/compass;

15、 Depth sensor: <±0.25 m;

16、 Temperature sensor: <±2°C;

17、 Backlighting: 2×2000LM LED lights with three adjustable brightness levels.



3、 Weight: 4.5KG

Water-Based Fire Extinguisher

technical parameter :

- 1、 Fire extinguishing agent filling capacity: 580ml
- 2、 Fire extinguishing agent:S-3-AB(-1°C)
- 3、 Fire extinguishing types:A, B, E, F
- 4、 Operating temperature: 5-55°C
- 5、 Ejection time: ≥10s
- 6、 Fire extinguishing rating: 0.5A,21B,5F
- 7、 Product standard: GA86-2009
- 8、 Shelf life: 3 years

Product features:

- 1、 Patented dual-layer packaging with 360-degree adjustable spray angle
- 2、 Capable of withstanding 36,000V electric fire
- 3、 Environmental water-based fire extinguishing agent with no residual dust
- 4、 Environmentally friendly and non-toxic, safe flame-retardant and thermal insulation
- 5、 The spray distance is 5-7 meters.



6、 Anti-reignition Performance of Novel Water-based Fire Extinguishing Agent

Product function: Can be used to extinguish fires involving solid materials, flammable liquids, electrified substances, and cooking oil. It can also be utilized to fabricate escape blankets or sprayed on clothing and skin to provide flame-retardant and thermal insulation effects, facilitating evacuation from fire scenes.

Intelligent Water Rescue Boat

[Product Features]

1GPS and Beidou dual positioning

The intelligent rescue speedboat employs a next-generation GPS/Beidou dual positioning system, enabling faster and more accurate real-time tracking with comprehensive coverage.

2 LQR follow-up control

The system supports automatic LQR tracking control.

3 Autonomous course correction

If strong winds or waves cause the course to deviate, the system will automatically correct it and resume normal navigation.

4 Automatic return after loss of contact

During rescue operations, if signal interference or exceeding the remote control range causes loss of contact with the intelligent lifebuoy, the intelligent rescue speedboat will automatically activate the loss-of-contact automatic return mode and return to the original starting point.

5. Bidirectional operation on both sides.
Supports bidirectional operation. In case of aircraft overturning due to strong winds or heavy rain, it can resume normal flight after recovery, demonstrating rescue capability in severe weather conditions.

6. Long-distance remote control

The intelligent rescue speedboat is equipped with a single-handed remote controller, featuring a long communication range capable of achieving ultra-long-distance control beyond 800-1000 meters. It offers user-friendly operation and precise control over the navigation route of the waterborne rescue speedboat.

【 technical parameter 】

1. External dimensions: length 100 cm, width 79 cm, height 22 cm;
2. Weight (including battery): 12.21 kg, rated for wind and wave resistance up to force 5.
3. The airspeed is 6 m/s, the speed of the manned is 2 m/s.
4. Motor power: The propulsion system utilizes dual motors, each with a power output of 1.5 kW.
5. The maximum buoyancy for a manned mission is 280kg, capable of rescuing four adults weighing 70kg each.
6. The forward propulsion force on water is 12 kg.
7. Power supply: Powered by two lithium polymer batteries, with a continuous operation time of 60 minutes for both batteries.





IV. Riot Control Equipment

Anti-riot uniform

[Model:FBF-B-RD01]

material quality :

The outer layer material of the riot armor suit is manufactured from high-strength coated fabric and special plastics, which are environmentally friendly, non-toxic, and pose no natural harm to the human body. It exhibits excellent resistance to extreme temperatures (+55°C/-20°C for 4 hours), puncture resistance (20 joules), impact resistance (120 joules), and energy absorption capability (100 joules).

protective acreage :

The anterior chest and groin area is $\geq 0.1 \text{ m}^2$;

Back $\geq 0.1 \text{ m}^2$;

Upper limb (measured as both limbs) $\geq 0.18 \text{ m}^2$;

Lower limbs (measured as both limbs, including the dorsum of the feet) $\geq 0.30 \text{ m}^2$;

Structural connection strength test: socket tensile strength $> 500 \text{ N}$;

The fastening strength of nylon hook-and-loop fasteners: $> 7.0 \text{ N/cm}$;

Strong bond strength: $> 2000 \text{ N}$

For riot gear, the standard test knife specified in GA68 shall be used to vertically penetrate the protective components with 20J kinetic energy at the front chest, back, and anterior crotch areas, ensuring that the blade tip does not penetrate.

The riot armor suit features superior material quality and lightweight design, with a total weight not exceeding 8.5 kg.

Ventilation suspension systems are installed on areas such as the anterior chest, posterior back, thighs, calves, and both arms.

constituent elements :

Protective armor/elbow guards/arm guards/glove guards/back and shoulder guards/thigh guards/calf and knee guards/ ankle guards (left/right)/crotch guards/hip guards (left/right). Implementation standard: "GA 420-2008 Police Anti-Riot Uniform"



Anti-epileptic drugs III

[Model:FBF-B-RD02]



Anti-riot uniform HI

[Model:FBF-B-RD03]



quick-release riot gear

[Model:FBF-B-RD04]





New Anti-Snipping Hoodie

[Model:FGY-WY-RD]

Material: Made of cut-resistant fiber material

Color: Silver Gray

Mass: ≤1.07 kg

Cut resistance: Blade sharpness 5.12

Hoodie performance: 16.14

Cut resistance coefficient: 4.15

Function: Provides protection for the head, neck, trunk, arms, and other areas. It not only safeguards against knife injuries but also protects against injuries caused by sharp objects such as "shattered glass" or "broken wine bottles." Due to its high tear resistance, it also offers "bite resistance" and "tear injury prevention" capabilities. This makes it suitable for protecting against bites from individuals with AIDS and powerful external forces that may cause tearing injuries in accidents such as traffic collisions.

Implementation standard: GA614-2006 "Police Anti-cut Gloves" standard

New Type of Anti-Cut Gloves

[Model:RD-FGST01][Model:RD-FGST02]

[Model:RD-FCST01][Model:RD-FCST02]

[Model:FGST-RD]

Fiber content: polyester fiber 48.9%, polypropylene 33.6%, glass fiber 17.5%

Formaldehyde content: ≤75 mg/kg

pH value: 7.1mg/kg

Degradable carcinogenic aromatic amine dyes: Not detected

Odor: None

Color change: Resistant to alkali sweat stains, color fastness grade ≥3, staining grade ≥3, color change grade ≥3

Acid-resistant sweat stain: color fastness ≥ grade 3, staining degree ≥ grade 3, discoloration degree ≥ grade 3

Water resistance: color fastness ≥ grade 3, staining resistance ≥ grade 3

Resistant to dry friction: color adhesion ≥ grade 3, color fastness ≥ grade 3

Puncture strength: ≥150N

Appearance quality: The FZ/T 73040-2010 standard specifies the requirements.

Material:VUT-TEXPR

Color: Silver-gray, with fabric in medium gray. It offers a soft and comfortable feel similar to regular clothing, combined with lightweight breathability, sweat-wicking properties, and quick-drying characteristics.

Protection rating: EN388:2003-Blade cutting resistance Class 5, wear resistance Class 4, tear resistance Class 4; ISO13997:1999-Blade cutting resistance Class 5.

The protective efficacy of cut-resistant gloves extends beyond knife injuries, offering comprehensive protection against all sharp object-induced harm such as "shattered glass" and "broken wine bottles." Due to their exceptional tear resistance, these fabrics also possess "bite resistance" and "tear resistance" capabilities, making them suitable for safeguarding against potential severe external forces like bites from HIV-infected individuals or traumatic injuries from traffic accidents.



New Type of Anti-Snipping Arm Protector

[RD-FGHB09 type]

The product is made of cut-resistant fibers with a medium gray surface and can be used to protect against injuries caused by sharp or blunt objects.

Mass: 55.5 g

Size: 325*105mm



New type of anti-cutting headgear (anti-cutting neck guard)

Material:VUT-TEXPR

Color: Silver Gray

Protection level: EN 388:2003 Blade cutting resistance grade 5, 2003 Wear resistance grade 4, 2003 Tear resistance grade 4 ISO13997; 1999 Sheet cutting resistance grade 5.



Anti-cut protective equipment



Anti-cutting pants



New type of anti-cutting shoes and socks



Non-cutting neck guard

[Model:FGHJ-RD type]

Material: Aramid fiber, manganese steel

Cut resistance level: Grade 5 (resistant to chopping, cutting, and pricking)

Colors: camouflage, yellow, navy (black)

The newly developed anti-cut and anti-slash neck guard by our company effectively prevents injuries to the human neck caused by attacks from daggers, craft knives, and machetes. Authoritative institutions have conducted tests confirming no surface damage or core damage in the product. It represents the most advanced anti-cut and anti-slash neck guard internationally and is widely used in special industries such as armed police, special forces, and public security agencies.

(National Patent Product) Implementation Standard: GA614-2006 Police Anti-cut Gloves



Sting-Proof Suit

[Model:FCF-F-RD] (soft) [FCF-J-RD] (hard)

Parameters of FCF-J-RD Type Anti-Stab Clothing (Rigid):

Chip material: High-strength 65Mn plate die-casting molding

Protection level: $\geq 24J$, strong anti-slip performance

Protective area: 0.32 m² Weight: ≤ 3.5 kg

Implementation standard: GA68-2008 Police Anti-Stab Garment

Standard Number: Gongjingjian

No.1330004; Note: Customizable combat vest-style uniform FCF-F-RD anti-stab suit (soft material) Parameters:

Material: Composite polyvinyl acetate film foam layer + ultra-high molecular weight polyethylene fiber felt

Structure: Composed of an outer jacket and a protective layer

Protective cover: Light and water-resistant; Penetration resistance: $\geq 24 J$; Strong resistance to oblique penetration

Protective area: ≥ 0.3 m² Weight: ≤ 3.5 kg

Implementation standard: GA68-2008 Police Anti-Stab Garment



Breathable Anti-Puncture Suit

Protection level: 24 joules of kinetic energy, with no exposed blade tip;

Surface density of anti-piercing shell material: breathable mesh fabric, single-layer density 300g/m²;

Protective area: 0.3 m²; breathable fabric can be customized for bulletproof vests, stab-proof bulletproof vests, etc.



bullet proof clothing

[Model:FDY3R-RD05]

Structure: The product consists of an outer jacket, a protective layer, and a protective layer cover.

Material: The protective layer is made of 38 layers of aramid UD (surface density: 8.1kg/m²), 0.5mmPC and 7mmEVA.

Protective area: ≥0.26 m²

Quality: ≤2.84 kg

[Model:FDY3R-RD06]

Material: The bulletproof layer structure consists of 50 layers of high-performance fiber non-woven fabric (each layer is made by orthogonally combining 1 layer of aramid fiber and 1 layer of polyethylene fiber) followed by 3mm thick foam.

Protective area: 0.30 m²

Protection level: Level 3, resistant to Type 79 light submachine gun or Type 51 7.62mm pistol lead core ammunition.

Color: Police blue, camouflage;

Implementation standard: GA141-2010 Police Bulletproof Vest



ballproof clothes

[Model:FDY3R-RD]

Material: 41-layer high-performance polyethylene fiber non-woven fabric (four-layer fiber orthogonal arrangement) + 1 layer of 5mm thick foam

Protected area: 0.27 m²

Protection level: Level 3

Color: Police blue, camouflage

Implementation standard: GA141-2010 "Police Bulletproof Vest"

Note: Customizable with an additional 2 bulletproof panels for enhanced cardiac protection.



Comprehensive Protective Body Armor

Model: [FDY3R RD] / [FDY5 R RD] Full-coverage bulletproof vest with insert plate, front panel, rear panel, shoulder pads, neck guard, groin protector, and waist protector. The protective layer consists of 38 layers of aramid UD (surface density: 8.24kg/m²), 0.5mm PC, and 7.0mm foam. The insert plate is made of 6.0mm aluminum oxide and 8.00mm PE. Weight: 5.02kg (±0.02kg)

Bulletproof insert plate mass: front panel 2.04 kg, rear panel 2.03 kg; Protective area

Bulletproof insert: front plate 0.07 m², rear plate 0.07 m²;

Body armor: 0.06 m front plate, 0.06 m rear plate

At room temperature: range of 15 m, elevation angle of 0°;

Pellet velocity: front plate 737m/s-745m/s, rear plate 740m/s-745m/s

Bullet penetration status: non-penetrating; backing material indentation depth ≤25.0 mm; under high temperature (55°C ± 2°C, constant temperature for 4 h): range of 15 m, firing angle 0°;

Pellet velocity: front plate 737m/s-743m/s, rear plate 738m/s-743 m/s

Impact characteristics: No penetration; depth of backing material depression ≤25.0 mm. Water resistance (stayed in 0.5 m water for 30 min): range 15 m, angle of attack 0°; projectile velocity: nose 735 m/s-741 m/s, tail 738 m/s-742 m/s.

Bullet penetration status: non-penetrating;

The recess depth of the backing material is ≤25.0 mm

Implementation standard: GA141-2010 "Police Bulletproof Vest"



Underwear-Style Bulletproof Vest

[Model:FDY3R-HX]

Material: 50-layer high-performance fiber non-woven fabric (each layer of non-woven fabric is orthogonally compounded from 1 layer of aramid fiber and 1 layer of polyethylene fiber) + 3mm thick foam

Implementation standard: GA141-2010 Police Bulletproof Vest

Inspection No.: Bing Jian Zi [2017] No.0381



Anti-blast protective equipment



Tactical Quick-Release Bulletproof Vest

Material: 41-layer high-performance polyethylene fiber non-woven fabric (four-layer fiber orthogonal arrangement) + 1 layer of 5mm thick foam

Protective area: 0.27 m²;

Protection level: Level 1-3

Color: Police blue, camouflage

Features: The tactical body kit includes a high-intensity flashlight case, telescopic baton case, tear gas launcher case, handcuff case, water bottle case, dagger case, tool kit case, walkie-talkie case, and body camera case.



Floating bulletproof vest

[Model:FDY3R-GTJH05]

Protection level: Level 3 according to GA141-2010C Standard for Police Bulletproof Vest

Type of bullet preventable: Domestic 1979-style 7.62mm light submachine gun firing 1951-style 7.62mm pistol bullet (lead core) penetration

Initial velocity of projectile (m/s): 515±10;

Protective area: 0.25-0.30 m²

Buoyancy performance: meets the requirements specified in GB4303-2008 'Marine Life Jackets', with a buoyancy of 11kg and buoyancy loss not exceeding 5%.

Weight of life-saving bulletproof vest: ≤4kg



Soft anti-puncture suit

[Model:FCF-F-RD02]

The product consists of an outer jacket, a protective layer, and a protective sleeve. The protective layer is composed of 5 layers of aramid impregnated film, 32 layers of PE fabric, and 2 layers of 4mm foam.

Front section: Mass 1.91 kg, protection area 0.15 m², penetration kinetic energy 24 J, penetration angle 0° (penetration sequence 1, 2, 3) not penetrated, left 45° (penetration sequence 4) not penetrated, right 45° (penetration sequence 5) not penetrated

Posterior segment: Mass 2.07 kg, protective area 0.15 m², penetration kinetic energy 24 J. Penetration failure occurred at: 0° (stings 1, 2, 3), 45° left (sting 4), and 45° right (sting 5).

Testing basis: GA68-2008 "Police Anti-Stab Garments"





Ultra-Light Anti-Puncture Suit

[Model:FCF-F-ZD02]

The product consists of an outer jacket, a protective layer, and a protective layer cover. The protective layer is made of aramid fabric, PE fiber, and 5.0mm foam.

Materials such as anti-puncture jacket and anti-puncture layer cause no natural harm to the human body; the jacket and anti-puncture layer can be separated for easy disassembly and cleaning.

The bulletproof suit must be free from defects such as cracks, wrinkles, damage, torn threads, needle leaks, or thread ends. The outer jacket features police blue coloration. It offers flexible wearability with easy on/off capability, ensuring unrestricted arm movement and normal physical activities including kneeling, jumping, squatting, running, bending forward/backward, and body rotation. Total protective area: 0.3 m²

Front section: Mass 1.11 kg, penetration kinetic energy 24 J

The 0° spike (spike sequence 1, 2, 3) was not penetrated, the left 45° (spike sequence 4) was not penetrated, and the right 45° (spike sequence 5) was not penetrated.

Posterior piece: Mass 1.11 kg, Impingement kinetic energy 24 J

The 0° spikelet (spikelet sequence 1, 2, 3) was not penetrated, the left 45° spikelet (spikelet sequence 4) was not penetrated, and the right 45° spikelet (spikelet sequence 5) was not penetrated.

Testing basis: GA68-2008 "Police Anti-Stab Garment"



Ultra-lightweight bulletproof vest

[Model:FDY3R-XH09]

1、 Structure: The bulletproof vest consists of an outer jacket, a protective layer, and a protective layer cover. The protective layer is made of EVA with a surface density of 5.36 kg/m² and a thickness of 5.0 mm.

2、 Protective area: ≥0.3 m²

3、 Weight: 2.22 kg

4、 Bulletproof Level: 3

5、 Bulletproof performance of the armor: Under normal temperature conditions, the front and rear panels remained unpenetrated at various firing angles (0°, left 30°, right 45°) with bullet speeds ranging from 518 to 525 m/s. The indentation depth of the backing material was ≤25.0 mm.

6、 Implementation standard: GA141-2010 "Police Bulletproof Vest"



Bulletproof and Stab-Proof Clothing

[Model:FDC-2-RD]

1、 Structure: The anti-puncture suit consists of an outer jacket, a protective layer, and a protective layer protective sleeve.

2、 Material: The protective layer is composed of aramid fabric, PE, and 5.0mm foam.

3、 Appearance: The anti-puncture outerwear and anti-puncture layer materials should cause no natural harm to the human body; the outerwear and anti-puncture layer can be separated for easy disassembly and washing. The anti-puncture garment should be free from defects such as cracks, wrinkles, damage, torn threads, needle leaks, or thread ends.

4、 Outerwear color: Police blue.

5、 Protective area: The anti-prick layer provides hazardous coverage for major internal organs of the human body (including front, back, and lateral protection), with a total area of ≥0.3 m².

6、 Flexibility of wear: The garment should be flexible and easy to put on and take off, without significantly restricting the free movement of both arms or actions such as kneeling, jumping, squatting, running, bending forward and backward, or rotating the body after wearing.

7、 Sealing performance: The anti-puncture layer of the puncture-resistant garment shall be equipped with a black protective sleeve that is impermeable to water and light.

8、 Stab resistance performance: Using standard test tools with a counterweight of 2.4 kg and 24 J kinetic energy, the blade tip should not penetrate the stab-proof suit when inserted at angles of 0°C and 45°C.

9、 Weight: ≤2.5 kg

10、 Implementation standard: GA68-2008 "Police Anti-Stab Garments"



Bulletproof Briefcase

[Model:FDGWB-R-RD]

Features: The case resembles a briefcase, but when unfolded, it transforms into a flexible shield. It can be opened with one hand using purely physical force, with the unfolding process taking less than 1 second.

External material: Pure cowhide

Internal material: 600D Oxford fabric

Protective layer: made of 28 layers of aramid UD (surface density: 5.97kg/m²).

Folded dimensions: 440*395*90mm

Expanded size: 830*410mm

Mass: 3.37 kg

Protection area: 0.21m

Color: Black

Testing basis: GA141-2010 "Police Bulletproof Vest"





Tactical Bulletproof Helmet (FAST) I Mickey Edition

[Model:FDK02-11RD type

- 1、 Material: Non-metallic, aramid material
- 2、 Protection level: Level II
- 3、 Type of protective firearm: 1954-style 7.62mm pistol cartridge (lead core)
- 4、 Velocity: 420~450m/s
- 5、 Protective area: 0.125 m²
- 6、 Weight: 1.85 kg
- 7、 Operating ambient temperature: -45°C to 55°C



- 8、 Configuration: 1 helmet shell, 8 EPP cushioning adjustments (2 large, 2 high, 2 low, 2 side), 2 windscreen buckles, 2 ACH-ARC helmet guide rail assemblies, and adhesive Velcro fastening system.

- 9、 Colors: black, khaki, military green, camouflage

Features: The earless tactical bulletproof helmet incorporates multifunctional side rails for mounting flashlights, survival lights, signal recognition lamps, and earpiece mounts. The central visor buckle connects to the visor tightening strap. The head-Loc mechanism on the rails securely fastens visors or masks, providing reinforcement to prevent detachment during intense movements. The OCC-DIAL adjustable head strap features a mechanically optimized knob design – simply twist the knob to tighten headroom, maximizing helmet stability. The integrated forehead base supports headlamps, cameras, and night vision devices. Tactical helmets are equipped with Velcro fasteners on the rear, sides, and top for camouflage integration. Internal padding combines impact-resistant layers with memory foam, maintaining shape under varying altitude, humidity, and temperature conditions to minimize injury from impacts.

Test basis: GA293-2012 Police Bulletproof Helmets and Face Shields

FAST Tactical Riot Control Helmet

[Model:RD-ZSTK01]

Weight: 0.56KG

Size: Head circumference adjustment system (56-62cm)

Configuration: 1 helmet shell, 8 EPP cushioning adjustments (2 large, 2 high, 2 low, 2 side), 2 windscreen buckles, 2 ACH-ARC helmet guide rail assemblies, and adhesive Velcro fasteners on the back.

Color: Black, Camouflage

Material: ABS engineering plastic with high impact resistance, durable construction, and impact-resistant design for effective head protection. Side-mounted multi-functional rails accommodate flashlights, survival lamps, signal recognition lights, and earphone mounts. The central visor buckle connects to visor tightening straps. The head-Loc mechanism on rails securely fastens visors or masks, providing reinforcement to prevent detachment during intense movements. The OCC-DIAL adjustable head strap features mechanical optimization through knob adjustment – simply twist the knob to tighten head space for maximum helmet stability. The integrated forehead base supports headlamps, cameras, and night vision devices. Tactical helmets feature extensive Velcro fasteners on the rear, sides, and top for camouflage integration. Internal cushioning consists of impact-resistant layers and memory foam, maintaining shape under varying altitude, humidity, and temperature conditions to minimize injury from impacts.



Bulletproof Insert

[Model:FDY6R-RD]
 Material: Composed of 7.0mm aluminum oxide and 11.0mm PE
 Protective area: 0.07 m²
 Protection level: Level 6
 Mass: 2.72 kg
 Color: Police Blue
 [Model:FDB6R-RD]
 The protective area is formed by an 8.0 mm boron carbide backing and an 8.0 mm PE backing plate: 0.07 m²
 Protection level: Level 6
 Testing basis: GA141-2010 "Police Bulletproof Vest"



Bulletproof Helmet

[Model:FDK2F-RD-2]
 Material: Non-metallic, aramid material
 Protection level: Level II
 Type of protective firearm: 1954-style 7.62mm pistol cartridge (lead core)
 Velocity: 420-450 m/s
 Protective area: 0.125 m²
 Weight: 1.85 kg
 Test basis: GA293-2012 Police Bulletproof Helmets and Face Shields



Bulletproof Mask I Kawakami

[Model:FDM-RD02]


Bulletproof Mask I

[Model:FDM02-11RD]
 Bulletproof mask protection rating: Level II (resistant to 547.62 mm lead core projectiles); Features: High clarity, excellent bulletproof performance, suitable for various types of bulletproof helmets; Implementation standard: GA293-2012 Police Bulletproof Helmets and Masks



Bulletproof helmet

[Model:FDK2J-RD-1]
 Protection level: Level 2
 Protection area: 0.125 m²
 Material: Metal Weight: 2100g
 Implementation standard: GA293-2012 Police Bulletproof Helmets and Face Shields



Police Riot Helmet

[Model:FBK-RD01-L]
 (Curved mask, straight mask, straight mask with iron mesh)
 Material: PC
 Mask material: transparent PC
 Color: Black
 Mass: 1.6 kg
 Implementation standard: GA 294-2012



Anti-riot protective equipment



Police Service Helmet

[Model:QWK-L type]

Material:PC/steel

Colors: white, navy blue, grass green, camouflage

Mass: 0.85 kg

Specification: Four-eye/Eight-eye

Mass: 0.55 kg (four-punch), 0.7 kg (eight-punch).

Implementation standard: GA296-2001 Police Service Helmets



German service helmet

[Model: QWK-RD01]

(Mask-compatible) Material: PC Color: Navy blue

Mass: 0.8 kg



Police motorcycle helmet

model :

Spring and Autumn Helmet

[TK-C-RD01][TK-C-RD02]

[TK-C-RD03]

Summer helmet

[TK-X-RD01][Wi-

nter helmet[TK-D-

RD01]Material:PC

Mask material: transparent

PC

Color: White

Mass: 0.85 kg-1.4 kg



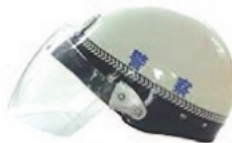
TK-C-RD01 型



TK-C-RD02 型



TK-C-RD03 型



Summer Helmet[TK-X-RD01]



Winter shield TK-D-RD01]

Cycling communication helmet

[Model:DKTX-03]

Product size:S/M/L/XL/XXL

Material: Pure imported ABS engineering plastic

Product Features: Purely imported ABS engineering plastic. Front nozzle with ventilation port. Adjustable rotating knob for mirror base. Removable washable high-quality elastic fabric comfort liner. Rear flow-through air outlet. Built-in UV-resistant brown inner lens. One-touch face removal for convenience and speed. High-quality ET communication system.

The integrated headset and microphone are built into the helmet, along with a wireless walkie-talkie adapter, eliminating the need for K-line cables when connecting the walkie-talkie. A wireless multifunction remote control allows operation of multiple devices with just finger movements, keeping hands free from the handlebars for enhanced safety and convenience.

Communication System Features: All-in-one fully integrated high-fidelity wireless helmet headphones with ultra-low power consumption GSR chip. Intelligent lithium battery management delivers up to 60 hours of standby time after 3-hour charging and 12 hours of continuous operation. The voice-assisted system provides voice prompts for all operations and real-time battery status updates. Automatic noise cancellation activates in 3 seconds to filter wind noise and ensure clear communication during rides. Featuring multi-task source connectivity and versatile wireless remote control switching, this system is professionally engineered for motorcycle use.

Product weight: ≤1.9 kg



Police Goggles

[Model:HMJ-RD]

Material: The lightweight black frame is made of TR-90 polyamide nylon.

Specifications: The lens meets ANSI Z87.1-2003 safety standards, EN 166(F) high-speed impact protection, and optical specifications.



Desert Locust-style Protective Glasses

[Model:RD-HUJ203]

Material: TPU lens frame with PC lenses for anti-fogging and scratch resistance, featuring exceptional impact resistance (available in gray, yellow, or matte finishes) and comes with a distribution bag.

Frame color: Black

Lens: Transparent color/smoke gray/night vision yellow

Features: Streamlined design, compatible with helmets, and designated protective goggles for elite forces worldwide.



Protective goggles (bulletproof)

[Model:RD-HUJESS]

Material: A. Frame: TR90 sand black frame; B. Lenses: 2.4mm impact-resistant polycarbonate interchangeable lenses-100% UVA/UVB ultraviolet protection;

Double-layer lens film: outer layer anti-wear, inner layer anti-fog;

Wide-angle design with expansive field of view, providing 100% UV protection;

Lens coating: IS ToughZone™ scratch-resistant lens coating;

A comprehensive peripheral ventilation system that maximizes protection against fog, dust, and airborne particulate matter.

Three types of interchangeable lenses are available: black lenses for protection against daytime strong light, yellow lenses for enhanced vision and fog resistance, and transparent lenses for low-light protection.



sunglasses

[Model:RD-PGJ01]

Material: The lenses are made of resin, and the frames are constructed from metal alloys.

Color: Black / Gray / Gold

Heavy scenery: 27.7 grams

Features: Polarized, 100% UV protection, sun radiation protection, strong light protection, and glare prevention



soft bulletproof shield

[Model:FDP-3-S-RD]

Protection level: Level 3

Material: High-strength polyethylene

Mass: ≤5.6 kg

Dimensions: 900*500 (mm)

Protection area: 0.45 m

Transmittance: ≥70%

Implementation Standard: (GA423-2003 "Bulletproof Shield", Shanghai Public Security Inspection No.148038)





Wheel-Type Bulletproof Shield

[Model:FDD-LS-RD]Dimensions: 1200*500(mm)
Weight: less than 15kg
Bulletproof rating: Can withstand 79 light 51 steel core bullets
Implementation standard: GA 423-2015 Police Bulletproof Shield

Public Security Bureau Inspection (Commission)
No.1650346



tactical bulletproof shield

bullet resistant material : PE
Protective area: 0.37 m²
Shield weight: 3.7 kg
Grip pull strength: 500N
Impact strength: 147J
Protection level: GA-3



soft bulletproof shield

[Model:FDP-3-S-RD02]
Material: Manufactured by mold pressing of high-strength, high-modulus polyethylene non-woven fabric.
Protection level: Level 3
Protection area: 0.288m²
Size: 600*480(mm)
Mass: 4.0 kg
Color: The shield body is black with the word "POLICE" and the word "警察";
Implementation standard: GA423-2003 B;



hard ballistic shield

[Model:FDP-5-S-RD]
Size: 800*450(mm)
Material: Bulletproof steel plate
Quality: 6kg
Protection level: Level 3
Protective area: 0.36 m²

Description: The Type 79 Anti-Submachine Gun Shield can be flexibly deployed wherever access is available, making it the preferred protective equipment for handling violent incidents and apprehending armed criminals. This shield enables rapid engagement with resistant adversaries through its agile offensive-defense capabilities, easy disassembly, optimal coverage area, and proactive design. It outperforms all bulletproof vests in scenarios such as emergency response, patrol security, riot control, and financial escort operations.

Implementation standard: "Ministry of Public Security GA 423-2003 Ballistic Shield", Document No. Gong Jing Jian (Wei) Zi 1450135



Foldable Butterfly-Shaped Bulletproof Shield

[Model:FDP3FS-RD]

technical parameter :

(1) The non-metallic foldable bulletproof shield body is laminated from high-quality ultra-high molecular weight polyethylene fiber non-woven fabric layers to minimize the total mass of the bulletproof shield. The overall structure consists of three shield components: a central shield body and left and right shield bodies. Additionally, the S-shaped curved surface effectively disperses high-speed impacts from external bullets or cold weapons.

(2) Gun mount and gun mount handle: Cast from high-strength aluminum alloy, the design and appearance comply with ergonomic principles, while serving as a support point for firearms during shooting to enhance handholding comfort for law enforcement users.

product features :

Protective material: High-performance polyethylene composite.

Product Performance: The product features high quality consistency, high strength, lightweight design, foldability, strong protective capability, reliable installation and fixation, and convenient operation.

Protection rating: GA423-2015 "Bulletproof Shield" Level 3 bulletproof standard (capable of effectively blocking 1951 7.62mm bullets fired by the 1979 Type I submachine gun)

Shooting with pistol lead core ammunition

size of product :

Shield body dimensions: 820*735 (mm) | Folded dimensions: 820*334 (mm)

Product weight: ≤6.2 kg

The bulletproof shield body is formed by laminating high-performance polyethylene fiber UD fabric, with a thickness of 9.0mm and a bulletproof area of ≥0.523m².

Implementation standard: GA423-2015 Ballistic Shield



Round PC Shield

[Model:Y-FBP-TL-RD]

technical parameter :

Structure: Composed of a shield body, grip, arm strap, and cushioning sponge.

Material: The shield body is made of 3.5mm PC.

Mass: <1.45 kg

Transmittance: 87.6%

Impact resistance, puncture resistance, impact strength, grip connection strength, arm strap connection strength, and climate adaptability all comply with the standard: "GA422-2008 Anti-riot Shield".



PC a riot shield

[Model:FBP-TL-RD]

Weight: 2.5 kg

Material: High-quality transparent polycarbonate (PC) material

Protective area: 0.45 m²

Transmittance: 84%

Dimensions: 900*500*3 (thickness) mm

Implementation standard: GA422-2008 Anti-Riot Shield, Public Security Inspection (Commission) Document No.1350001



Combined Shield

[Model:ZHP-RD]

Police riot shields are available in two specifications: 1.2m and 1.6m. The shield body provides extensive protective coverage and can be overlapped and combined into various tactical protective walls as required. It effectively resists projectiles other than firearms, artillery, and ammunition, successfully intercepting enemy assaults while providing cover for advancing or retreating personnel.

Material: Transparent PC

Thickness: 3mm

Dimensions: 1200*500*3.0 mm (Small)

1600*500*3.0 (mm) (large)

Weight: 5.2kg(small) / 6.2kg(large)

Detection Number: Public Police Inspection (Commission) No.1350001



Circular FRP Shield

[Model:FBP-BS-RD01]Size:

50cm diameter,3mm thick

Material: Fiberglass reinforced plastic (FRP)

Mass: 2.4 kg

Protective area: 0.25 m²

Strength: Connection strength between handle, arm strap, and shield body>500N



FRP Shield

[Model: FBP-BL-RD01] Shape: Rectangular (with observation window)

Material: Fiberglass reinforced plastic (FRP);

Colors: grass green, camouflage;

Size: 90*50(cm),thickness 3mm

Protective area: 0.45 m² ;

Strength: The connection strength between the handle, arm strap, and shield body is>500N;

Mass: 2.5 kg



Anti-riot protective equipment



Metal Riot Shield

[Model:FBP-JL-RD]

Plate dimensions: 900*500*2.5 mm;
 Product dimensions: 900*450*2.5 (mm);
 Window: 230mm*110mm;
 Protective area: 0.45 m²;
 Mass: 3.5 kg

A tensile force of 500 N was applied between the handle and the shield body for 1 minute, with no fracture, loosening, or detachment of the handle observed.

The light transmittance of the transparent anti-riot shield is 77.2%.

The shield body of the riot shield shall withstand impacts, penetration, and strikes with 147J kinetic energy, where the linear velocity at the strike point is 18 m/s ± 0.3 m/s and the strike energy is 342J ± 13J; penetration kinetic energy is 147J; impact kinetic energy is 147J; the shield body shall not exhibit rupture after impact. Implementation standard: "GA 422-2008 Riot Shield".



Circular electric shock shield

Size: Diameter 500mm

Protective function: The shield body is characterized by hardness, lightweight, and strong protective capabilities, effectively resisting attacks from lethal weapons such as clubs, stones, hammers, daggers, and knives.

Protective area: ≥0.25 m²;

Grip connection strength: ≥500N;

Arm strap connection strength: ≥500N;

Transmittance: 84%;

Impact resistance: 147J for kinetic energy impact;

Electric shock function: When powered on, the discharge electrodes on the front of the housing plate generate high-voltage output pulses through arc discharge, producing a deterrent force.

Offensive function: The metal component on the front of the shield's main body possesses stinging and hooking capabilities to deter assailants.

Electrical specifications

(a) Power supply voltage: DC6V (equivalent to a 5GNY0.6Ah AA-sized nickel-cadmium rechargeable battery pack)

(b) Power dissipation current: less than or equal to 1.5A during arc pulling

(c) Output voltage: The output voltage of the high-voltage generator is greater than or equal to 80KV.

(d) Output energy: The high-voltage generator outputs energy ranging from 0.8 to 1 J/s.



Multifunctional Police Armored Shield

[Model:FBP-J-RD]

Function: Equipped with a 5V/5000mAh emergency power supply for law enforcement products, the shield body is designed to be resistant to cutting and stabbing, and features lighting and glare protection. The front end of the shield is equipped with riot control jaws and a rescue hammer based on anthropometric design. It can be expanded to include functions such as electric shock and tear gas spray.

Material: The shield is made of 2.5mm thick aluminum alloy.

The shield has a width of 675mm and a height of 307mm. It is equipped with a handle and an arm strap on the back. The shield also features two glass breakers and an LED light, which is powered by a 3.7V DC battery.

Protective area: 0.20 m²;

Weight: 2.45kg;

The grip connection strength: the connection between the grip and the shield body can withstand a tensile force of 500N.

Impact resistance: The shield body can withstand an impact of 147 J kinetic energy without perforation at the stress points, and the illumination lamp can endure 147 J.

No attachments detached after the impact of kinetic energy:

Impact resistance: The shield can withstand impacts with a velocity of 18 m/s and an energy of 342 J without causing fragmentation of the shield body, as evidenced by the illumination lamp attachment.

non-dislodgement;

Puncture resistance: The shield body can withstand 147J kinetic energy penetration without perforation at the stress points, and the illumination lamp can endure 147J kinetic energy without damage.

No attachments were detached after impact:

Initial illumination level of fighting fixtures: When the battery reaches its initial state and enters illumination mode, the initial illuminance at the center of the light spot 5 meters away from the light source is 1201X.

Implementation standard: GA 422-2008 Anti-Violence Shield



Aluminum alloy circular shield

[Model: FBP-JL-RD03] Material: 2.5mm thick aluminum alloy
 Color: Black
 Dimensions: 500×500 (mm)
 LED: R5 LED explosion-proof light source
 Lumen: 800LM, with continuous illumination duration of 6-8 hours



French Police Riot Shield

[Model:FBP-TL-RD01] Specifications: 900*500*3.5(mm)
 Material: High-quality transparent polycarbonate (PC) material
 Weight: 3.2KG
 Protective area:>0.54 m² ;
 Grip connection strength: ≥500N;
 Arm strap connection strength: ≥500N;
 Transmittance: 84%;
 Impact resistance: 147J. Dynamic impact meets the standard.
 Puncture resistance: GA68-2003 standard
 Test implementation standard: "GA 422-2008 Anti-Riot Shield"



Integrated Offensive and Defensive Multi-Functional Anti-Riot Tear Shield

[Model:RD-CLDP01]

The integrated offensive-defensive multifunctional shield is constructed from premium PC material, featuring high transparency, lightweight design, and exceptional impact resistance. Capable of withstanding projectiles, sharp instruments, and acidic substances (excluding firearms), it delivers robust protection with secure mounting and user-friendly operation. This advanced product combines defensive capabilities with offensive functions, incorporating tear gas that rapidly induces blindness and respiratory distress in criminals. It significantly enhances law enforcement personnel's personal safety while improving criminal apprehension efficiency, making it an ideal protective gear for tactical missions.

Implementation standards: QWHJ16-2002 "Anti-Riot Shield", GA422-2003 "Anti-Riot Shield"

Functions: tear-inducing, electric shock, glare, illumination;

Specifications: 1000*570*3.0(mm);

Depression depth: ≥85mm;

Material: Made of high-quality transparent polycarbonate (PC) material.

Transmittance: 90%;

Impact resistance: 147J; dynamic energy impact meets the standard.

Puncture resistance: GA68-2003 standard test tool

20J kinetic puncture meets the criteria;

Grip connection strength: ≥500N;

Arm strap connection strength: ≥500N;

Mass: <3kg;

Material of tear gas canister: aluminum alloy;

Method: Click the button;

Ejection distance:>3m;

Gas cylinder pressure: 25 kg per square centimeter;

Diameter: less than 5 cm;

Stimulant: Capsaicin.





Electric Shock Riot Shield

[Model:TBP-TL-D-RD]
 Size: 500*900mm/Thickness: 3mm, 3.5mm
 Protective function: The shield can effectively resist attacks from lethal weapons such as sticks, stones, hammers, and daggers.
 Material: High-quality transparent polycarbonate (PC) material
 Weight: 3mm2.6kg;
 Protective area: $\geq 0.45 \text{ m}^2$;
 Grip connection strength: $\geq 500\text{N}$
 Arm strap connection strength: $\geq 500\text{N}$;
 Transmittance: 84%;
 Impact resistance: 147J kinetic energy impact

Electric shock function: Upon power activation, high-voltage output pulses are generated by drawing an arc between the discharge electrodes on the front surface of the shield body, creating a deterrent effect.

Offensive function: The metal device on the front of the shield's main body is equipped with barbs, which can hook criminals.

Power supply voltage: DC6V, equipped with one AA-sized nickel-chromium rechargeable battery pack.

Output voltage: The high-voltage generator outputs a voltage of $\geq 80 \text{ kV}$

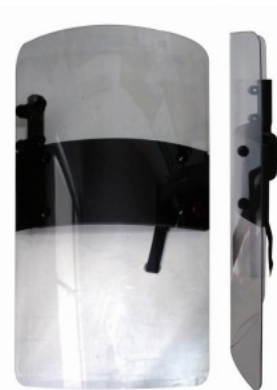


Tear Gas Anti-Riot Shield

[Model:TBP-TL-C-RD]
 Dimensions: 500*900(mm)Thickness: 3mm,3.5mm
 Protective function: The shield can effectively resist attacks from lethal weapons such as sticks, stones, hammers, and daggers.
 Material: High-quality transparent polycarbonate (PC) material
 Weight: 3mm2.6kg;
 Protective area: $\geq 0.45 \text{ m}^2$;
 Grip connection strength: $\geq 500\text{N}$
 Arm strap connection strength: $\geq 500\text{N}$;
 Transmittance: 84%;
 Impact resistance: 147J kinetic energy impact

Lacrimation function: Turn on the safety switch and press the switch while aiming directly at the front to strike and control individuals in front.

This device allows for easy replacement of tear gas cylinders.



Rhombic Shield

Mass: Upper limit $\geq 3.65 \text{ kg}$, lower limit $\geq 5.59 \text{ kg}$

Impact resistance: Using a hemispherical head hammer with a diameter of $\phi 45 \text{ mm}$ and a weight of 7.5 kg, the shield was impacted with an energy of 147J.

Puncture resistance: The shield was impacted with a hemispherical head hammer (diameter $\phi 45 \text{ mm}$, weight 7.5 kg) at an energy of 147J.

The shield body was penetrated by two impacts with diameters of 3.6 mm and 3.1 mm, respectively.

Climate and environmental adaptability:

① The prismatic composite blast shield sample was placed in a constant temperature chamber at $23 \pm 2^\circ\text{C}$ for 4 hours. The shield body was subjected to two impacts with linear velocity of $18 \text{ m/s} \pm 0.3 \text{ m/s}$ and energy of 34J.

② The prismatic composite blast shield sample was placed in a constant temperature chamber at $23 \pm 2^\circ\text{C}$ for 4 hours. The shield body was subjected to two impacts with linear velocity of $18 \text{ m/s} \pm 0.3 \text{ m/s}$ and energy of 34J.

Flame retardancy performance: The outer surface of the sample was tested using a Bunsen lamp. After ignition for 10 seconds, the flame was extinguished for 10 seconds.

Implementation standards: GA422-2008 Anti-Riot Shield and GA294-2012 Police Anti-Riot Helmet



V. Counter-Terrorism and Emergency Response Equipment

Police portable tear gas disperser

[Model:C1000-RD/C2000-RD]
 Finished product weight: 2KG (1L) / 4.5KG (2L)

Disperser total length: 410mm (1L)/530mm (2L)

Tear gas filling capacity: 1L/2L
 Active ingredient of tear gas solvent: OC
 Active ingredient content: 1.17%
 Ejection distance: ≥10 m
 Ejection time: ≥15s (1L) / ≥30s (2L)

Ejection state: linear flow
 Synthetic capsaicin concentration: 1.5%
 Applicable temperature: -20°C~50°C
 Working pressure: 1.2 MPa

"GA884-2010 Public
 An Daring Equipment Police Use Catalyst

The Tear Jetter, Q/
 RD02-2014 Police Uniform
 Portable tear gas disperser (Enterprise)



Repeated Filling Type Tear Gas Dispersant

[Model:C2000-RD]
 This product can be re-filled using our company's equipment, with ultra-large capacity and equipped with ultra-high-pressure syringe tips for injection.

The device measures ≥15 cm in diameter, with a non-toxic colored marker, and is suitable for crowd control and easy to administer.

During the investigation, suspicious individuals were tracked and identified.
 capacity : 2000ml

Vessel pressure: 30 ma

Dorsal sac dimensions: Diameter 150mm * Height 560mm

Implementation standard: GA884-2010 Police Tear Gas Sprayer for Single Police Officer Equipment

Q/RD12-2015 Reusable Tear Gas Dispersal Device (Enterprise Standard)



operative norm :

Industry Standards) (2L)

Police Portable Tear Gas Dispersal Device

[Model:C3000-RD]
 Injection method: Gas-powder dispensing, direct mixing, continuous or intermittent injection

Range: ≥30m

Ejection time: Continuous ejection>18s

Coverage area: ≥2000 m²

Tear gas dose: 3 (L)

Working pressure: 30MPa

Operating temperature: -30°C~50°C



Single Police High-Capacity Tear Gas Spray Gun

[Model:C600-RD]

Features: The gun-style handle includes a misoperation switch, large tank capacity, and the reagent is labeled with non-toxic color markers, facilitating the tracking and identification of suspicious individuals during law enforcement operations.

capacity : 600ml

Dimensions: Diameter 66mm * Height 280mm

Implementation standards: GA884-2010 Police Tear Gas Sprayer for Single Police Officers, Q/RD16-2015 Tear Gas Dispersal Device





Shoulder-held tear gas disperser (foolproof)

[Model:C6000-RD]

Consisting of a transmitter, cartridge, pressurization system, and battery assembly, with CS as the tear gas agent; The disperser is 390±1 mm long, 190±1 mm in diameter and weighs 4050±2 g.

The active ingredient content of tear gas was 1.17% ± 0.1%, and the volume of injected liquid was 5.6 L ± 0.1 L.

It features two injection modes: jet and spray, with mode switching achievable through the control valve at the emitter port.

In jet or spray mode, when the wind speed is below 2 m/s and the airflow is aligned with the wind direction, the spray pattern exhibits jet characteristics with an effective spray distance of ≥6 m and effective duration of ≥200s.

In the spray mode, the wind speed is less than 2 m/s, and the spray state is fog, the effective spray distance is more than 4 m, and the effective time is more than 200s.

The tear gas disperser supports non-pressurized filling;

Stability testing: Accelerated aging method was employed for stability testing. Samples were placed in a humidity-heat chamber with 45°C ± 2°C and 95% ± 2% relative humidity for 3 days before removal. The product appearance and spray performance met the requirements. Samples were then stored separately in constant temperature chambers at 30°C ± 2°C and 55°C ± 2°C for 24 hours, with immediate spray testing upon removal. The process demonstrated no disintegration, leakage, or rupture, and the products maintained normal spray performance.



Hand-delivered tear gas

[Model:ST-CRD]

Dimensions: Diameter 35 mm, Height 160 mm; Capacity: 110 ml

Usage precautions: During operation, use the middle finger of the right hand to grip the safety pin ring and forcefully throw the projectile toward the target. Upon release, a potent tear gas will be automatically released. The throwing distance must not be less than 10 meters.

Implementation standard: GA884-2010 Police Tear Gas Sprayer for Single Police Officer Q/RD26-2015 Manual Tear Gas Dispersal Device



Anti-Riot Isolation Net

Counter-terrorism and riot control special equipment is designed for public security agencies and armed police forces to handle emergencies, deploy security barriers across various roadways, effectively intercept suspicious individuals and vehicles, and enforce traffic control measures. The isolation barrier system consists of two components: a barrier net and a vehicle-mounted unit. The barrier net is equipped with fixed brakes and mounting rods for interception purposes, while the vehicle unit houses the barrier net. Featuring patented innovative technology, this vehicle-mounted isolation barrier allows rapid deployment to designated locations with flexible deployment and retraction capabilities. Customization options are available upon request.

Dimensions: The isolation net is 1.5m high and wide.

1 meter in length, with a contracted length of 1.6 meters and an unfolded length of 8m

The dimensions of the car body are 1.9 meters in length, 2 meters in width, and 1.9 meters in height.

Wheel axle length of the vehicle body: 1.54 m

Isolation net weight: 150kg



Police High-Intensity Light Tear Gas Dispersal Device

[Model:RD-600]

This non-lethal weapon is designed for public security departments and the Armed Police Force to handle large-scale sudden mass incidents, riot control, or hostage situation management. It can disperse large crowds within seconds, featuring simple operation, ultra-quiet operation during use, high efficiency and safety, as well as rapid operational effectiveness. The unique high-intensity lighting design enables glare suppression and shooting aiming in nighttime scenarios.

Efficacy: Contains high-purity tear-inducing agents, which can strongly irritate and induce lacrimation.

Ejection distance: ≥10 m

Spray time of fog-shaped cartridge: ≥10s

Cylinder pressure: 1 MPa

Jet-type cartridge: >25s

Function space: >3000m³

Operating temperature range of fog-type cartridge: -15°C to 55°C

Operating temperature of jet-type cartridge: -30°C to 55°C

Net content of cartridge: 600ml

Storage duration: 3 years

High-intensity lighting lamp: Provides 100-meter nighttime illumination for over 24 hours continuously, available in three light sources (high-intensity, low-intensity, and strobe), suitable for blinding purposes or shooting aiming.

Dimensions: 520*360*110 (mm)

Weight: 3kg



Sound Wave Dazzling Dispersing Shield

[Model:JH-100]

Sound pressure level: 125 dB at 1 meter

Camera: 130-degree ultra-wide-angle lens (optional)

LCD screen size: 2.7 inches with a 4:3 aspect ratio.

Blinding lights: 60-meter high-intensity beam range (optional); Power: 15W.

Material: 5052 high-strength aluminum alloy plate; Weight: <4kg;

Observation window size: 248*105 (mm);

Grip connection strength: ≥500N;

Arm strap connection strength: ≥500N;

Transmittance: The PC observation window has a transmittance of 86.9%.

Standard specification: 900mm*500mm*2mm folded edge;

Protective area: 0.45 m²;

Built-in power supply: DC12V4000mA lithium battery, with external charging using 220V AC power.



Acoustic wave dispersal shield

[Model:SGFBP-BL-RD]

Structure: Composed of a shield body, grip, arm strap, cushioning sponge, connecting device, tear gas spray device, and audio-visual dispersal device.

Shield body material: 2.0mm aluminum alloy

Battery:DC12V4000mA Lithium battery

Mass: 4.79 kg

Size: 904.0*500.0mm

Color: Dark blue

Sound pressure level: The maximum sound intensity at one meter is 155 dB

Protective area: 0.452 m²

functional characteristics :

It has the function of sound wave dispersal, the warning distance is 200 meters, and the combination of multi-sided shield can form a sound wall.

Equipped with high-intensity light dazzling functionality to disperse crowds through non-contact and non-lethal means; features camera functionality;

Exhibits lacrimation function;

Equipped with voice announcement function and preset warning audio playback capability;

Supports recording.

Product Practicality: The Sound Wave Dispersal Shield integrates directional high-energy acoustic wave generators with traditional shield technology, functioning as an intelligent active defense system that disperses crowds without physical contact or lethal force. This innovative device provides effective crowd protection while emitting intense noise waves that deter individuals from remaining near unprotected targets. During unlawful gatherings or riots, it creates an invisible acoustic barrier for law enforcement, enabling more efficient crowd control and dispersal.

★The product provides test reports issued by the Testing and Experiment Center of China Ordnance Equipment Research Institute and China Ordnance Equipment Special Product Quality Supervision and Inspection Center in 2019, with implementation standards: "GA422-2008 Anti-riot Shield" and "Q/RD199-2018 Acoustic and Optical Dispersive Shield (Enterprise Standard)".

★Inspection Number: Bing Jian Zi [2019] No.0146.



Containment Barrier Net

Tactical equipment provided for military units, public security patrols, and crowd incident management, primarily used for crowd isolation and road closure at intersections and roads. The blades are sharp, offering significant deterrence. It features easy mobility and quick, simple installation.

Each section has a closed length of 8 meters and can be linked with multiple sections, allowing flexible length adjustment.

The net base is equipped with four retractable casters for easy pushing and walking; the exterior of the net is covered with a military-grade canvas cover to facilitate transportation and storage, preventing puncture injuries during handling and loading/unloading.

[Model: Three-ring containment barrier net]

Folded: 1000mm long*1100mm high*550mm wide

Extension length: 8000mm

Weight: 58 kg

Blade length of double-edged scalpel: 40mm

Blade height: 10mm

[Model: Single-loop containment barrier net]

Folded: 1400mm long*1400mm high*650mm wide

Extension length: 8000mm

Weight: 88 kg

Blade length of double-edged scalpel: 40mm

Blade height: 10mm



Single-loop containment barrier net



(Three-ring containment barrier net)



Long baton (standard, combination)

[Model:G1600 (2000)-RD]

Dimensions: 1.6m/2m,Diameter: 30mm

Weight: ≤1.64 kg

Material: Rubber, engineering plastic

Color: Black

Tensile strength: Under a tensile force of 2000 N, the rod body does not exhibit cracks or fractures.

Impact resistance: After 2000 consecutive impacts, the stick body shows no cracks or fractures.

Temperature adaptability: -30°C to 55°C

Flame retardancy: ≤5S

Implementation standard: GA1124-2013 Long Police Baton



ABS Modular Emergency Stick

[Model:ZHG1695-RD]

Dimensions: Total length 1695 mm / Diameter 31-34 mm / Handle diameter 35 mm

Material: The rod body is made of ABS, and the connectors are carbon steel.

Weight: 1.82 kg

Number of strikes ≥3000

Lateral tensile force ≥600N

Features: Threaded anti-slip grip, jagged attack head, quick-threaded connection, carbon steel button locking mechanism



Tear Gas Long Baton

[Model:RD-CJG-QL]

Material: Alloy steel, with an aluminum alloy front head and aluminum alloy tail end, externally fitted with a rubber grip rod, maximum diameter 500mm.

Length: 1250mm;

Total packaging weight: 3kg

Single product weight: 1.35 kg, including spray

The safety lock can be opened freely, and the tear gas can be sprayed continuously by pressing the trigger switch.

Liquid capsaicin (150ml) can be sprayed over a range of 3-5 meters.

Impact resistance: 18 m/s speed;

Temperature range: -20°C to 55°C;



Tear gas riot control wolf-tooth baton

[Model:RD-FBG]

Structural Composition: This product consists of three components: riot-proof barbed wire, pepper spray injector, and conical hammer. The barbed wire is made of high-strength stainless steel, laser-cut at high speed to ensure hardness and sharpness, and enclosed in an ABS high-strength plastic protective cover for easy portability. The rod body is constructed from aerospace-grade hard alloy aluminum, offering lightweight and durable properties. The central component features a dual-filling structure pepper spray injector. The tail end is equipped with a conical hammer designed to shatter window glass in emergency rescue operations.

Dimensions: The stick has a diameter of 32mm and a length of 1200mm.

Weight: 1.98 kg

Composition of tear gas: OC tear gas, with a content of 1.02%;

Tear gas spray range: 3-7 m



Adaptability of wolf tooth stick: The rod equipped with a tear gas sprayer can maintain normal spraying after being exposed to low temperatures of 0°C for 2 hours, and can maintain normal spraying after being exposed to high temperatures of 55°C for 2 hours.

Combination baton (police baton)

Working environment: -35°C to 55°C;

Impact resistance: 1000 times

Locking reliability performance: 3000 cycles;

Salt spray resistance: Class 6

Dimensions: The baton shaft measures 70 cm in length, and the striking component measures 27.5 cm in length.

The baton is equipped with an attack component featuring a cylindrical blunt spike, with an external dimension of 80.5 cm in length.

The police baton with added attack components features a triangular bayonet with an outward dimension of 88 cm. Two police batons connected with added attack components and a triangular bayonet have an outward dimension of 158 cm.

Police baton weight: approximately 0.9 kg

The weight of the attack component added to the baton is approximately 1.3 kg.

Implementation standards: GA1124-2013 Long Police Baton, Q/RD01-2013 Enterprise Standard for Combined Police Batons



Multifunctional Riot Baton (T-Type)

[Model:ZD-T3]

In addition to possessing the functions of a conventional baton, this product can also fire 17mm series riot bullets in emergency situations or critical incidents. With simple operation and strong concealment capabilities, it serves as a novel equipment for police officers, armed police, and special forces to conduct close-range subduing, dispersal, and self-defense during routine patrols and duty operations.



Multi-functional engineer's shovel

Material: 45# carbon steel

Net weight: 0.4 kg

Surface treatment: spray coating 10-15um

Dimensions: When fully extended, the total length is 40 cm, with a shovel head thickness of 1.4 mm, a shovel blade width of 10 cm, a shovel length of 12.5 cm, and a pick length of 11 cm.



Upgraded Single-Shot Capture Net

1、 Action distance or area:

- (1) Capture net: effective range of 12 m (wind force ≤ level 5);
- (2) Dyeing granules: powder form, effective area 30 m²;
- (3) Mother-child bomb: solid-range, turning into powder after 60 meters, effective area of 50 m²;
- (4) Shrapnel: effective range of 12 meters for solid projectiles;
- (5) Rubber bullet: effective range of 50 meters;
- (6) Tear gas: effective area 50 m²;

2、 Wire tube specifications(mm): 260xφ84;

3、 Mesh size (mm): 3200x3200;

4、 Grid size (mm): 200×200;

5、 Fracture strength at network level:>500N;

6、 Service life:>500 cycles;

7、 Environmental adaptability: -40°C to +50°C, wind speed ≤ level 5.





Golden Dragon Horse Tethering Rope

diameter : 48mm

Length: 180mm

Weight: 36.1 g (excluding small gas cylinders)

Power: 8g small gas cylinder

Rope material: 3M Kevlar woven rope

Optimal shooting range: 5-8 meters. The Golden Dragon Trampolining Rope is engineered with compact dimensions and a simple straight-line Kevlar woven cord to create an efficient capture tool. Powered by high-pressure gas, it ensures safety, reliability, efficiency, and environmental friendliness. As an enhanced version of traditional net throwers, it features reduced size and weight for prolonged portability. The optimal application area for Golden Dragon is the lower body. When subjected to heavy hammer strikes, the rope repeatedly loops around the legs, creating binding effects that effectively trip offenders. The optimized capture head incorporates a rear hook that securely hooks onto clothing once the rope's movement ceases, making escape nearly impossible. Indeed, Golden Dragon simplifies and streamlines the capture process with remarkable efficiency.



Single-shot police arrest net

Operating temperature range: -40°C to 50°C



[Model:WQ-RD-DF]

launchable projectile: common air package projectile

Number of traction heads: 4

Capture range: 3-15 meters

Maximum range: 15 meters

The area of the reticular body is 3.5 m × 3.5 m.

Total length of the transmitter: 210 mm

Wind speed range: below level 3

Description: The product utilizes the thrust generated by the impact of an empty shell to create instantaneous airflow, which drives four traction heads to rapidly deploy the mesh strands at a certain angle during forward movement. Upon encountering an object ahead, the traction heads at each mesh strand corner automatically retract due to inertia, achieving the effect of capturing the target. This product is reusable.

★ Provide the test report issued by the Ministry of Public Security's Safety and Police Electronic Product Quality Inspection Center in 2013, with the implementation standard: "Q/BS01-2013 Capture Device (Enterprise Standard)"

★ Inspection Number: Gongjing Inspection No.1331026

★ The policy provides 6 million yuan in product quality and liability insurance, with a coverage period of 8 years.

Pneumatic Net Launcher

[Model:SPIDER-N]

Diameter: 73mm, Height: 250mm

Weight: 821g (excluding small gas cylinders)

Power: 12g small gas cylinder

Effective range: 10m

Wire rope: 3*3m 15-gauge woven rope



Pneumatic Capture Net

Color: Black

Mass: ≤1.0 kg

Maximum external dimensions: Head-body diameter ≤φ120mm, Handle diameter

≤φ50mm; length ≤340mm.

Mesh length: ≤18mm, mesh area ≥16 m².

Operational convenience: The pneumatic capture net should be portable, with all moving parts featuring flexible operation, reliable connections, easy bomb disposal, convenient trigger switch reset, and straightforward net retrieval and installation.

Traction head mass: ≤25g.

Gummed airbag: Used for cushioning the airbag portion ≥2mm.

Gasket thickness: ≥1.5 mm.

Web tensile fracture strength: ≥200N.





Three-Shot Police Arrest Net

[Model:ZBW-RD02]

▲The complete product set consists of a launcher, four traction head net tubes, and high-performance polyethylene rope nets. It supports triple launch operations.

launchable projectile: common air package projectile

Number of traction heads: 4

▲Traction head and cushioning layer: The traction head has a spherical shape, with a surface covered by an elastic cushioning layer with a thickness of 3.8 mm.

Capture range: 3-15 meters

Maximum range: 15 meters

The area of the reticular body is 3.5 m × 3.5 m.

▲Mesh length: 195MM

▲Cable breaking strength: 152N

Operating temperature range: -40°C to 50°C

Total length of the transmitter: 210 mm

Wind speed range: below level 3

▲Weight: 1.28KG

★Provide the test report issued by the Product Quality Supervision and Inspection Center for National Security Prevention Alarm Systems (Beijing) under the Ministry of Public Security's Safety and Police Electronic Product Quality Testing Center for the year 2014, with the implementation standard being "GA510-2004 Police Arrest Net".

★Inspection Number: Gongjing Inspection No.1431321

★The policy provides 6 million yuan in product quality and liability insurance, with a coverage period of 8 years.



Police Restraining Fork

[Model:GAYSC-RD01]

Dimensions: elongation ≥2 m, retraction ≤1.35 m, front tube diameter 28 mm, rear rod straight

Diameter 34 Mm

Material: The rod is made of stainless steel, the handle is high-strength ABS, and the fork head combines high-strength ABS with an aviation-grade aluminum casting mechanism.

Weight: ≤1.6 kg

Conversion time: ≤10s

Implementation standard: GA/T1145-2014



Sword Snipper

[Model:RD-DDQ01]

Material: The handle is made of high-strength aluminum alloy.

Size: Total length 150cm

Inner diameter of the semi-circular knife holder: 16 cm

The length of each movable arc frame is approximately 16 cm.

Weight: 2.5 kg



Police foot forks (thickened)

[Model:YC-RD]

Size: Extension ≥2m, retraction ≤1.35m, front tube diameter 28mm, rear rod diameter 34mm

Material: The rod body is made of stainless steel, and the handle is constructed from high-strength ABS.

Weight: ≤2.3 kg

Conversion time: ≤10s

Static tensile force axially borne by the fork shaft: 600N

Bending capacity at midpoint of the fork: 600N



Anti-Riot Waist Fork With Lock

[Model:YC-RD]

Dimensions: Extension ≥2m, retraction ≤1.35m, front tube diameter 28mm, rear rod diameter 34mm

Material: The rod body is made of stainless steel, and the handle is constructed from high-strength ABS.

Weight: ≤2.3 kg

Conversion time: ≤10s

Static tensile force on the fork shaft: 600N

Bending capacity at midpoint of the fork: 600N





Portable Anti-Riot Steel Fork Arrestor

[Model:GC-RD]

Size: Extension $\geq 2\text{m}$, retraction $\leq 1.35\text{m}$; Front tube diameter 28mm

The diameter of the rear rod is 35mm

Material: The rod body is made of stainless steel, and the handle is constructed from high-strength ABS.

Weight: $\leq 1.6\text{ kg}$

Conversion time: $\leq 10\text{s}$

Static tensile force on the fork shaft: 600N

Bending capacity at midpoint of the fork: 600N

Implementation standard: Q/RD01-2013, Beijing Inspection No.1430508



police multi-purpose arrest device

[Model: GAYSC-RD02] Capture device material: Aerospace aluminum

Shrink size: 1.35m

Extension length: 2.15m

Net weight of the entire machine: 2.5±0.15 kg

Maximum diameter of crescent ring: 380±10 mm

Outer diameter of grip rod: 35±1 mm

Inner rod diameter: 28±1 mm

Optional features:

(1) Electric shock: Input DC5V/2A, instant high-voltage output 6500kV, battery capacity 6400mAh;

(2) High-intensity lighting and buzzer alarm function;

Implementation standard: GA/T1145-2014

《Q/RD006-2015》



Police Multi-Functional Riot Control Fork

[Model: GAYSC-RD03] Material: Aerospace aluminum

Net weight of the entire machine: 2.6±0.15 kg

Dimensions: Shrinkage 1.55m, elongation 2.35m; maximum diameter of crescent ring 700±10mm; external diameter of handheld grip rod 35±1 mm; inner rod diameter of handheld grip rod 28±1mm.

Implementation standard: GA/T1145-2014

《Q/RD008-2015》



Type 6 Capture and Rescue Device

[Model: G-63] Total weight: 2.27 kg

Change weight: 1.94 kg

Temperature range: -30°C to +100°C

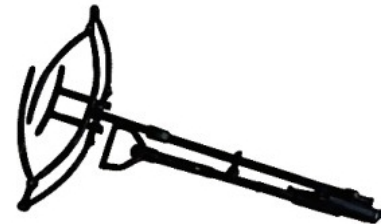
Axial force: 1677Fm/N~11139Fm/N

Lateral force: 535Fm/N

Shear resistance: 180kg

Salt spray resistance: 500h

Water resistance: 1000h



Five-in-One Tear Gas and Electric Shock Capture Device

[Model: GAYSC-RD04]

Material: Aluminum alloy

Shrink size: 1300mm

Extension length: 2130mm

Net weight of the entire machine: 2.5 kg

Maximum diameter of crescent ring: 340mm

Minimum diameter of the crescent ring: 115mm

Outer diameter of handheld grip rod: 35mm

The lighting LED is a 3W LED with a luminous flux of 150 lumens.



Electric Shock Arrestor

[Model:RD-TC100]

Dimensions: Total length 1.9m, opening spacing of the catch when extended 400mm, inner diameter 400mm when closed

Total weight: 2.5 kg

Peak voltage during electric shock: 80 kV

High light intensity: Dual high-brightness LEDs; Single LED brightness > 100LM

Battery: Imported rechargeable lithium battery





Electric shock arrest glove

Startup time: ≤2 seconds
 Working hours: ≥8 hours
 Chain reaction time: ≥2 hours
 Output current: 10mA-30mA
 Output voltage: 320V-380V
 Charging voltage: 5V
 Charging time: approximately 2 hours
 Glove material: Leather insulation material



Material resistance: Carbon fiber, capable of withstanding pressures exceeding 100 kg
 Battery material: Built-in lithium battery, reusable after charging
 Electrode characteristics: claw-shaped, capable of penetrating the human angular layer
 Electrical shock characteristics: causes no skin damage or fatal harm to the human body
 Electrical stimulation method: Electronic pulse mode, instantly releasing the restraint
 Weight: 260g-650g per pair

Laser Dazzler ' II

Material used: Aerospace aluminum alloy 6061-T6
 Laser wavelength: 532 nm
 Laser power: 200mw-300mw
 Operating temperature: 5°C~+50°C (standard)/minimum temperature achievable: -20°C. Maximum/minimum spot size: 20M@100m-80cm@100m
 Battery life: 1-3 hours;
 Net weight: 581g;
 Dimensions:L267mm*D39mm
 Battery type: 26650 lithium battery, rechargeable at 3.7V (1 cell)
 Guide rail type: MIL-STD-1913 Picatinny rail



Laser dazzle gun

[Model:RD-JGQ-01]

Introduction: This product belongs to conventional low-energy laser weapons, featuring powerful laser blinding effects to interfere with, deter, and suppress suspects. The irradiation can instantly cause blindness, making it non-lethal yet effective for apprehension. With advantages such as portability, concealment, rapid enemy neutralization, and non-harmful operation, it is widely used by public security agencies, armed police, and other inspection bodies, as well as highly favored in the private defense market. Wavelength: 532mm
 Voltage stability:±5%



Spot diameter: 1.0-1.3 mm
 Pump power: 2-5W
 Dimensions: 19*12.5*4(cm)

Remote infrared electric shock device

[Model:RD5M]

Main unit dimensions: 16*3.8*6.5 (cm);
 Weight: 200g;
 Function: Remote launch range of 5–8 meters, infrared sight, lighting illumination, and high-decibel alarm



Defensive Electric Shock Device I

[Model:RD-X8]

Electric shock voltage: 76 million volts
 Lighting: Imported CREE LED Q5 bulb with high-intensity, low-intensity, and strobe modes, featuring a lifespan of up to 10W hours. The white light has a range of 300 meters and a illumination duration of approximately 4 hours, emitting 320 lumens. Compliance standard: Q/321282ABA01-2015 "Defence Flashover Protection Devices"





Defensive Electric Shock Device II

[Model:DRD-500Z]

The complete product set consists of an aluminum alloy housing, LED lights, a high-voltage enclosure, and an electromagnetic switch assembly. Dimensions: diameter 40mm ±1mm, length 50mm ±10mm.

Lighting performance: Light source LED

Rated power: ≥1W

Output current: $2\text{ mA} \leq I \leq 80\text{ mA}$

Battery: Capacity ≥1800mAh

Type: Replaceable lithium battery, with charger featuring overcharge and undervoltage protection functions.

Implementation Standard: Q/RD010-2015 "Defensive Shockers"



Extensible Electric Shock Rod

[Model: X10]

Appearance: Anodized treatment

Material: Aerospace Reinforced Aluminum Alloy

Button: Shock button, function buttons (lighting, shock, off) touch to adjust lamp type

Weight: 425g (including battery)

Total length: 49 cm, reduced size after contraction: 43 cm

Grip diameter: Handle section $\phi 3$, Upper end diameter: $\phi 3.5$

Battery: 2 x 18650 batteries

Lighting features: CREE bulbs, 100% -50% -30% -Flashlight-SOS

Illumination: 320 lumens (maximum output)

Maximum voltage: 10000KV

Working hours: 4h



Extended aluminum alloy electric shock rod

[Model:RD-1620ZBD]

Material: Aviation aluminum

Dimensions: Extended length 1.62 m, retracted length 1 m, outer rod diameter $35 \pm 1\text{ mm}$, inner rod diameter $28 \pm 1\text{ mm}$

Input voltage: 7.2VDC

Power consumption current: $\geq 3\text{ A}$

Output voltage: above 4000 kV

Alarm sound: 150dB

Lighting range: approximately 500m

functional characteristics :

The electrical shock output energy is more than twice that of conventional riot control devices; the illumination provides all lighting effects comparable to police high-intensity flashlights; the alarm sound intensity exceeds that of standard alarms by several times; all critical components are imported or domestically sourced with optimal quality, ensuring stable and reliable performance.

Implementation standard: "Q/321282ABA01 Protective Shock Deflector"



Anti-Riot Launcher

[Model:RD-20]

Primarily deployed by public security agencies and the Armed Police Force, this launcher can carry rubber bullets and tear gas shells for direct target engagement. It enables precise firing below the neck at targets beyond 5 meters without causing fatal injuries. Tear gas shells induce extensive irritation, irritating the eyes, nasal passages, oral cavity, and respiratory tract, rapidly triggering symptoms such as tearing, runny nose, burning sensations in the skin and eyes, and breathing difficulties. The system effectively disperses rioting crowds and neutralizes violent elements concealed in buildings or other hidden locations.

Tear gas canister: The dispersal range upon launch is $\geq 40\text{ meters}$

Rubber spring: Launch range $\geq 40\text{ meters}$

Electric shock projectile: launch range $\geq 11\text{ meters}$

High-intensity lighting lamp: provides 100-meter nighttime illumination, available in three light sources—high-intensity, low-intensity, and flash mode—for applications requiring intense glare or aiming purposes.



Non-lethal riot control device

[Model:X26C]

Maximum range: 7m

Electrode speed: 60 m/s

Current: 160mA

Key Features: The electric shock can penetrate clothing up to 5 cm thick, delivering multiple discharges within 5 seconds with each lasting one millionth of a second. It includes a recording function – when the trigger is pulled, small paper fragments printed with the firearm's serial number are ejected from the barrel, allowing investigators to easily identify the owner. Additionally, a microchip inside the gun specifically records the date and time of each shot.



Intelligent Remote Electric Shock Gun

[Model:PRX-6]

Pure DC intelligent regulation device: automatically detects target impedance and operating environment; automatically adjusts current output intensity; ultra-low current (1.6-1.8 mA/s)

Power cut-off mechanism: Immediately disconnect the power supply when the device is seized by intruders to protect users from harm.

Target anti-counterfeiting mechanism: Automatically prompts when the effect is generated to prevent target spoofing

Avoidance functions in the cardiac region, head and neck region, and inguinal region: Effectively prevent injury to critical sensitive organs of the target.

Delayed power-off mechanism: Automatic termination of pulse discharge after prolonged use beyond the preset duration to prevent misuse

Electrode buffering technology: The elastic buffer of the emitter electrode effectively reduces impact kinetic energy and minimizes injury.

The range is at least 10 meters, with a maximum of 15 meters.

5-meter accuracy rate: 100%, 8-meter accuracy rate: 90%, 10-meter accuracy rate: 80%

All electric shock impact points were confined to the target's trunk region.

Overall water resistance performance: The product (including battery and magazine) can operate normally under prolonged submersion, demonstrating underwater launch capability. Operation with water does not result in electric shock to the user.

The same magazine is used for both near and far targets: the magazine can be flipped vertically for use, with no installation orientation requirements.

Magazine rapid ejection mechanism: The magazine can be quickly ejected by the same hand used for operation after use, reducing the replacement time by shortening the size.

Integrated power switch and battery locking mechanism: effectively prevents accidental power-on or loss of power main body

Basic characteristics: Pure DC damping wave

Peak discharge voltage: 50-60 kV

Single pulse duration: 80-120 microseconds

Battery: 9 volts

Pulse frequency: Constant at 20 PPS

Current: 1.6-1.8 mA/s

Clothing penetration: thickness 5 cm

Pulse discharge duration: 5 seconds

Laser pointer: wavelengths 650,635 nm

Shell material: high-strength polymer plastic

Dimensions: Length 178 mm, Height 128 mm, Width 31 mm, Weight 280 g

box magazine

Shell material: high-strength polymer plastic

Dimensions: Length 50 mm, Height 32 mm, Width 29 mm, Weight 75 g

Quick-release gun holster for riot control

Shell material: high-strength polymer plastic

Dimensions: Length 190 mm, Height 68 mm, Width 39 mm, Weight 160 g



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Remote Electric Shock Gun

[Model:TX100]

This product features laser aiming, cassette launch, dual-arc electric shock, LED auxiliary lighting, battery information recording, battery level display, safety switch, and fuse. Dimensions: 204.5*114*45mm

Weight: Total ≤400g, including main body 250g, electric shock projectile 55g, and battery 70g.

Output voltage: 50±5KV

Output current: <2mA

Maximum range: ≤7M

Propulsion force: high-pressure gas

Single shock control time: ≤5S

Display functions: Battery level, 5S power-off countdown, low battery alert, I

Laser targeting capability: Yes, power <5mW, wavelength 630-650nm

Battery type: Lithium-manganese battery, 9V, capable of withstanding over

Auxiliary lighting function: available

Operating temperature: -20°C to 55°C

Shelf life: 1 year

Display functions: Battery level, low battery alert, 5-second countdown to power off

Safety Insurance: Automatic lockout protection after three consecutive electric shocks



micro sonic drill

[Model:SD310]

Case dimensions: 426*330*174 (mm)

Attachment box dimensions: 460*366*184 (mm)

Total equipment weight: ≤19kg

No-load speed: continuously adjustable from 0 to 2000 r/min

No-load noise: ≤50dB

Working time: 1 hour

Power supply: Built-in rechargeable battery with external 220V AC power adapter

Rated power: 90W

Protection rating: Storage condition IP44, operating condition IP55

Depth setting accuracy: ≤1mm

Operating temperature: -10°C~40°C

Application: Low-noise drilling reconnaissance for walls, door panels, and hulls; various counter-terrorism and anti-raid missions.



Silent electric drill

Maximum foldable size of the main body: 41*33*16 (cm)

Maximum foldable size of accessory box: 46*37*18 (cm)

Maximum unrolled size of drill shaft assembly:>137cm

Total equipment weight: approximately 18 kg

Maximum no-load operating time: 1 h

Rated no-load speed: 2000 r/min

Rated power: 90W

No-load noise: <45dB (measured at 1 meter)

Protection rating: IP44 (storage condition), IP65 (use condition)



Silent Electric Drill II

[Model:FOZ-16/5]

Components: Main unit, electric propulsion guide rail, remote operation control device, tripod bracket

No-load noise: ≤29 dB

Working hours: over 12 hours

Rated power of drilling motor: 180W

Bore diameter: 1-14mm (expandable to 25mm)

Manual adjustment of host size: 20*16*8 (cm)

Dimension of the guide rail: 59*8*70 (cm)

Performance: Capable of drilling into walls made of various materials including walls, metal panel walls, glass curtain walls, ceramic curtain walls, concrete, and any structural components of buildings.



Portable cutting device (cutting pen)

[Model: BXQG20-300-RD]Electricless cutting technology is an innovative cutting method developed based on self-propagation technology. This technology eliminates the dependence on external energy sources for traditional cutting tools, enabling metal workpiece cutting without power supply, gas source, or large auxiliary equipment. Primarily applied in emergency rescue operations, traffic rescue missions, and post-disaster recovery efforts, this cutting product features simple operation and portability. It requires no external power or gas sources and can be ignited with a lighter or match, offering extensive application versatility.

Product indication: This cutting pen model is designed for cutting round steel materials with a diameter not exceeding 20 mm.

Implementation standard: Q/RD18-2016 "Portable Cutting Device"



Demolition Tool Set (3 Pieces)

Integrates multiple functions for manual demolition;

Can be used for doors and locks with various structures;

Punching and cutting of steel plates;

Cracking with wooden boards;

The tool head is fabricated from high-strength stainless steel, featuring exceptional durability, corrosion resistance, and aesthetic appearance. The entire kit can be configured for use with backpacks or aluminum alloy cases.



Break-in Tool

Weight: 2.5 kg

Total length: 495 mm/cm (with extended push rod installed), 485 mm/cm (with shovel head installed)

Use the red-marked nail-piercing bullet.

Clip: A plastic clip that can hold 10 rounds of ammunition.

Firing and ejection method: semi-automatic



Counter Terrorism and Emergency Response Equipment



Lock-Breaking Device

Rechargeable electric drill

Speed: Primary gear: 0-450 rpm

Secondary gear: 0-1400 rpm

Three-speed gear: 0-1800 rpm

Impact: Primary gear: 0-7650 rpm

Secondary gear: 0-23800 rpm

Three-stage gear: 0-30600 rpm

Maximum drilling distance: 47 N/m

Drill chuck: 13 mm;

The maximum drilling capacity for steel, wood, and concrete is 13 mm, 45 mm, and 14 mm, respectively.

Weight (excluding battery pack): 1.7 kg.

Nickel-chromium battery pack: Voltage: 14.4V

Capacity: 2.4 Ah

Weight: 0.7 kg



Door Buster

Designed for public security special forces, fire departments, counter-terrorism units, and riot control armed police forces, it enables instantaneous door penetration during execution of assault rescue and arrest missions. Lightweight and portable for easy transportation.

It possesses immense power, capable of breaking wooden doors, destroying door locks, severing steel bars, and penetrating metal sheets. As a novel and highly efficient tool for 破门 and lock destruction, it eliminates the need for repeated manual impacts, depriving criminals of preparation time; it also overcomes the limitations of using explosives to break doors, which may result in accidental hostage injuries.



New Demolition Tools

[Model:RD-PCQ02]

Extensible impact arm: The length of the impact arm can be adjusted, and when combined length.

For use in reciprocating impact positioning and demolition; other components can be inter

Shrinkage length: 755mm

Extension length: 1255mm

Retract arm stroke: 500mm

Weight: 5.6 kg



Wide chisel: Used for prying or chiseling through hard objects such as brick walls and wooden doors/windows, as well as breaking chains, bolts, etc.; can be disassembled into a blade and a connecting rod, with the rod being used in conjunction with other cutting tools; (wide

The blade is 480mm long and weighs 1.7kg.

Narrow chisel: Used for chiseling through hard materials such as brick walls and cement; (400mm/1.4kg)

Chisel: Used to impact and chisel through hard objects, or to perform cutting with other tools after positioning punching; (400mm/1.3kg)

Sheet metal cutter: Used in conjunction with a connecting rod to cut metal sheets from vehicles such as cars and aircraft; (150mm/0.45kg)

Lock-breaking and nail-pulling device: Used for prying open doors and windows, breaking padlocks, and removing steel nails (155mm/0.6kg)

Crosshead: Designed for use with a connecting rod, facilitating force application in confined spaces and enabling door/window penetration; (110*110 mm/0.55kg)

Firefighter axe: Made of stainless steel, capable of demolition and self-rescue, with multiple functions including sawing, chopping, smashing, prying, and bolt removal. Length: 320mm, Weight: 0.8kg.

Rod: Used in conjunction with other components

Box dimensions: 835*315*120 (mm)

Weight: 16.4 kg

Black Hawk demolition tool (domestic or imported)

[Composition:破门锤,破门工具背包]

Tool kit for breaking into doors: includes an iron pen, scissors, an iron axe, and a backpack bag (made of 1000Denier NyTaneon nylon material with back padding sponge and adjustable shoulder straps), with the total weight of the set being 11kg.

Iron Pen: A Unique Bidirectional Iron Pen Made of Alloy Materials

Shears: High-plasticity material shears with excellent red hardness, overcoming the drawback of carbon tool steel losing metal-cutting capability at high temperatures, while the handle design achieves maximum leverage effect.

Iron Axe: Features an advanced polymer handle with anti-static and anti-slip properties, incorporating a specialized coating to prevent glass fragments from being absorbed by the axe.



Electric Hydraulic Door Breaker

[Model:DP45]

The DP45 electric hydraulic door opener is designed for special police units, fire departments, and rescue teams to quickly open various types of iron doors, multi-functional doors, and security doors.

The DP45 electric hydraulic door breaker is constructed from high-strength composite materials, endowing it with properties such as high-pressure resistance, high-temperature tolerance, and cold resistance, enabling its normal operation in various complex environments. The lightweight body made of high-strength composite materials, combined with an elegant structural design, ensures ideal installation speed and user-friendly operation.

The DP45 electric hydraulic door opener employs quick-connect fittings across all components, utilizing 30-degree horizontal hydraulic support thrust from the ground. Its ground-piercing base design achieves optimal integration of friction and thrust forces. For hydraulic systems, we utilize state-of-the-art rechargeable electric hydraulic pumps with bidirectional dual-action mechanisms, enabling the DP45 to operate without external power supply at any location. This dual-action configuration allows hydraulic cylinders to perform both ejection and retraction freely, resulting in more ergonomic operation and simplified control.

The DP45 electric hydraulic door opener operates on a 24V DC generator as its power source, utilizing a hydraulic pump as the power output. Hydraulic power is transmitted to the hydraulic cylinder via connecting pipes, and the cylinder along with its supporting components ultimately delivers force to the door, thereby achieving the door-opening mechanism.

Hydraulic pump power supply: 3AH rechargeable battery

Maximum charging time: 4 hours

Continuous battery usage time: 0.5 hours

Pump body weight: 18kg

Maximum impact force: 70KN

Hydraulic cylinder extension rod: 150mm/300mm/450mm

Dimension of the demolition device deployed: 2300mm

Closure size of the perforator device: 1300mm

Breaker weight: 35kg

Hydraulic pump wireless remote control range: 5m (all high-end models)

Implementation standard: "QJSRD0001-2016 Electric Hydraulic Door Breaker"



Manual Breakdown Toolset

[Model:RD-PCQ03]

No power required, single-person operation enables rapid and efficient penetration of brick and concrete partition walls.

The manual combination demolition tool with "9981 transformations" can extend and retract, be large or small, and be disassembled or assembled, earning it the reputation of "Versatile Iron and Steel." It integrates the functions of commonly used rescue demolition tools worldwide, capable of: prying, chopping, twisting, cutting, chiseling, pulling, slicing, colliding, punching, pushing, tearing, shoveling, knocking, pulling, splitting, and more. Its compact size and lightweight design make it suitable for use by Chinese personnel.





Jute Rope

[Model:S-P-RD]

Material: Jute rope

Mass: 15.12 kg

diameter : 40.4mm

Length: 25.5 MB



Features: Excellent tactile feel, superior anti-slip performance, exceptional tensile strength, and robust durability.

Implementation standard: GB/T8834-2006 "Determination of Physical and Mechanical Properties of Rope"

Single Soldier Engineering Rescue Kit

Including the single soldier expansion cutting toolkit and the single soldier rescue chiseling toolkit.

1、 The single soldier rescue demolition toolkit consists of 24 pieces of equipment divided into six categories: personal protection, lighting, warning, reconnaissance, support, and manual demolition.

The individual protective equipment for single soldiers includes:

1 helmet, 1 pair of goggles, 1 set of knee and elbow protectors, 5 masks, 5 pairs of gloves; Lighting: 1 multi-functional flashlight, 1 pendant lamp, 1 headlamp;

Warning: 1 high-intensity explosion-proof directional light and 1 firelight signal marker.

Reconnaissance: 1 telescope;

Equipment: 1 field first aid kit, 1 individual water purifier, 1 mesh hammock, 1 multi-functional disaster relief raincoat, 1 multi-functional waterproof bag, 1 basic first aid cabin, 1 hand-held chainsaw, 1 multi-functional rescue pliers, 1 water bottle, 1 solar charger; Manual demolition tool set: 1 slit opener, 1 chisel, 1 shovel.

2、 The single-soldier rescue expansion toolkit consists of 25 pieces (sets) in six categories: personal protection, lighting, warning, reconnaissance, support, and manual hydraulic tools.

Individual protective equipment: 1 helmet, 1 pair of goggles, 1 set of knee and elbow guards, 5 masks, 5 pairs of gloves; lighting, warning, reconnaissance, and individual rescue chisel tool kits are provided as standard.

The package includes: 1 field first aid kit, 1 individual water purifier, 1 mesh hammock, 1 multi-functional disaster relief raincoat, 1 multi-functional waterproof bag, 1 basic first aid cabin, 1 hand-held chainsaw, 1 multi-functional rescue pliers, 1 water bottle, 1 solar charger, and 1 rescue rope.

The manual hydraulic tools include: one hydraulic shear, one hydraulic expander, and one hydraulic jack.



Climbing tool kit

[Model:GJB-P-RD]

Main rope (static rope): Length: 51mm

diameter : 11mm

Weight: 84g/m

Auxiliary rope (power rope): Length: 51 mm

diameter : 8mm

Weight: 43 g/m². Product components include:

main rope (static rope), auxiliary rope (dynamic rope), long flat belt, short flat belt, rope sheath, descender, main lock, figure-eight ring, hand-operated ascent device, chest-type ascent device, rope gloves, descent gloves, steel lock, and half-body safety harness. Compliance standard: GB 6095-2009 "Safety Belts". Testing basis: GB 6095-2009 "Safety Belts".



Automatic Hoist

[Model: PQ500-1 Origin: India]

This product is the world's first battery-powered lifting device. It features simple and convenient operation, enhanced safety, and full remote control capability. Simply connect the device to a dedicated cable and grip the handle to reach any desired height. The product offers superior safety performance with a lifting capacity of 250 kg.

use :

Public security, fire services, and military;

Secret infiltration, fire rescue, public service, boarding and docking, etc.

Engineering inspection and maintenance for power, telecommunications, and other systems; transportation of materials and rescue operations (elevating, towing stretchers);

Seismic rescue operations can be conducted with the highest efficiency due to the portability of this elevator, ensuring rapid deployment and execution within critical timeframes.

Construction maintenance, used for surface maintenance and cleaning of buildings;

Maintenance and repair of hulls, bridges, etc.





Tow rope launcher

[Model:SPIDER-R]
 Dimensions: 60*188*867 mm (without extended rear support, unfolded rear support, and handle);
 Weight: 2026g (excluding small gas cylinders)
 Power: 12g small cylinder (rope thrower), 17g small cylinder (life ring)
 Effective range: 100m
 functional characteristics :
 A lightweight throwing rope launcher for rescue operations, with an effective range of 100 meters. Its compact and portable design, combined with dedicated carrying cases, provides exceptional mobility and portability for outdoor rescue missions.
 Equipped with a foldable rear rest to enhance shooting stability;
 The foldable T-shaped grip offers an excellent grip feel.
 Equipped with a window system, providing a simple and effective 45-degree emission reference;
 The life buoy is equipped with automatic inflation upon contact with water, thereby expanding the scope of rescue applications.



Life-Saving Flying Disc

[Model:RD-JSFP type]
 Shell material: ABS engineering plastic
 Life rope: high-strength polypropylene filament
 Maximum flight range: 50 meters
 Vacuum buoyancy: 35N
 Rope length: 40 meters



Simple road barrier nail throwing

[Model:ZCD-RD]
 Structure and material: Cast iron base + blackened iron tube
 Size: Nail length 43mm
 Weight: 150g

Characteristics: Lightweight, low-cost, and easy to transport; it can be directly spread on the road surface for use, and after completing its task, it can be recycled and reused. Regardless of collisions, it always operates in a state of bearing resistance.



Life-Saving Thrower

This product utilizes high-pressure air power and employs jet propulsion principles to achieve long-range ejection, serving as a convenient and rapid water-based long-distance lifesaving device. It features excellent maneuverability, low noise during launch, flameless operation, and safe, reliable performance. Manufactured from high-quality materials resistant to high pressure and corrosion, it ensures a long service life. It can also be used as a throw rope device on land. The device is reusable and offers low operational costs.
 Features: In the field of long-range launch vehicle technology, this product boasts advanced technology and low operational costs. Compared to traditional gunpowder launchers, it delivers noise-free launches without open flames, ensuring safe transportation and storage. The system incorporates a comprehensive rapid inflation mechanism, pressure monitoring system, and safety protection protocols, guaranteeing excellent airtightness, portability, and operational reliability. Engineered based on fluid dynamics principles, the launcher features cutting-edge jet nozzle technology that enables extended projection ranges. Its unique design allows rapid separation of critical components under high-pressure conditions, ensuring superior system performance throughout the entire process.

qualification :

Working pressure of compressed air: 200 bar

Total weight: <4 kg

Tossing weight:>1kg

Launch range: 60-90 m (minimum water launch distance ≥60 m; minimum land casting distance ≥80 m). The buoy automatically inflates into a life ring within 5 seconds of entering the water.

Generates buoyancy exceeding 8kg. The buoyancy loss of lifebuoy over 24 hours is less than 5%, with all major components and materials meeting EN396 standards.

Rope size: φ6mm*100m

Tension of the throwing rope: ≥2000N

scope of application :

1. Water rescue: Applicable to rescue scenarios such as riverside, lakeside, and seashore, with an effective rescue range exceeding 60 meters.
2. For land use: Suitable for rope throwing operations in scenarios such as firefighting, water conservancy departments, ship-to-ship, and ship-to-shore.





Korean-Style Throwing Device

The portable multi-functional pneumatic life-saving thrower is a mobile amphibious rescue equipment developed by our company, widely applicable in firefighting operations, special police rescue missions, water rescue missions, flood relief efforts, vessel docking and towing, and power line installation. Powered by high-pressure air reaching up to 20MPa, it features a dedicated inflation tube for converting air breathing apparatus cylinders. The optional 6.8L air breathing cylinder can inflate the device over 20 times at 30MPa pressure, significantly enhancing portability. Particularly suitable for disaster scenes with power outages or inaccessible vehicle access, it enables the deployment of anchor hooks, automatic inflatable life rings, and towing ropes to designated locations.

applied range :

Fire rescue and salvage operations, maritime emergency response, vessel berthing and docking; ship towing and salvage operations;

Installation of water rescue equipment (e.g., jet skis, marine gear) and communication lines;

Product Features: The air pressure valve remains undamaged during overpressure inflation, enabling automatic air release for enhanced convenience and safety, suitable for both aquatic and terrestrial applications.

rescue scenarios;

The air breathing cylinder can be directly inflated, offering high portability; it is equipped with a pressure gauge for safety and reliability.



Blockage of Road

Size: The effective length of the needle is 38 mm.

Load capacity: 20 tons

Interception length: 5m, 6m,7m,8m,10m

Implementation standard: GA/T421-2003 Puncture-type Ventilated Road Barrier



[Model:LZ-J-RD]



[Model:LZ-J-RD02]



[Model:LZ-J-RD03]

Flexible traffic barrier

[Model: ZCD02-RD]

Roadblock nails: 67 pieces

Interception length: 5m

Effective spacing of road barrier nails: 75 mm

Effective length of road barrier nails: 38mm

Support material: Plastic-coated 304 stainless steel wire rope

Material of road barrier nails: hard manganese alloy



Fully Automatic Remote-Controlled Road Barrier

[Model:LZ-J-RD]

Materials: Aluminum alloy nail base band, stainless steel spike needle, high-strength ABS or metal housing

Remote control range: 40m

Duration: <7S

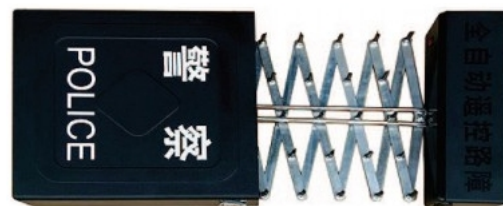
Maximum effective interception length of road barriers: 7m

Puncture depth: ≤35mm

Load capacity: 20 tons

Box specifications: 430 mm wide * 550 mm long * 90 mm thick (mm)

Implementation standard: GA/T421-2003 Puncture-type Ventilated Road Barrier, Shanghai Inspection No.148041





Remote-controlled obstacle clearance using speed reducer

[Model:LZ-D-RD03]

This product operates with digital display and wireless remote control for needle spike activation/deactivation, with an effective interception range of 6–15 m.

Puncture depth: ≤35mm

Load capacity: 20 tons

Remote control response time: ≤1S

Remote control range: 45m (open area)

Weight: 36kg

Implementation standard: GA/T421-2003



Portable Remote-Controlled Intelligent Road Barrier

[Model:LZ-D-RD03]

Remote control range: up to 200 meters

Effective length of road barrier: 6000 mm in length, 240 mm in width, and 30 mm in thickness.

Effective remote control range: 150m (open areas)

Deflated hollow steel needle: 5*43 (mm)

Operating voltage: 12V

Remote control speed: ≤1 times per second

Weight: 16kg

Load-bearing capacity: 20T

Advantages: When folded, it occupies the space of a suitcase and can be stored in the trunk of a small car. The latest model obstacle course can be automatically deployed and retracted.



Blocking rod

Portability: The most distinctive feature of vehicle barrier rods compared to other types of vehicle barriers is their lightweight design, with a total weight controlled to not exceed 1.5 kilograms.

Effectiveness: The vehicle interception rod can achieve rapid deflation for tires of various sizes, with a typical deflation time of less than 5 seconds, enabling swift interception.

Reusability: The vehicle interception bar is made of replaceable materials, allowing for easy and rapid replacement. The main material is robust and durable, enabling multiple reuse cycles.

Main material: PV

Main length: 62CM

Each ballast nail length: 8.5 cm

Each intercepting rod contains 7 ballast spikes.



vehicle blocking system

Road barrier machine (also known as vehicle barrier). Based on protective performance, it can be classified into double-sided anti-collision road barrier machines and single-sided anti-collision road barrier machines. Both utilize hydraulic energy as the power source to achieve the lifting function of the rotating body.

Its primary function is to provide security protection for key defense facilities such as military units, prisons, road checkpoints, warehouses, and ports, preventing unauthorized vehicles from forcibly entering. It demonstrates high practicality, reliability, and safety performance.

The flip-type single-sided road barrier is further classified into spear-tip-equipped barrier machines and spear-tip-free barrier machines. The overall structure is divided into the machine.

Consists of a seat, overturning body, hydraulic power system, and electrical control system. Generally used in military units and logistics applications.

Storage warehouses, nuclear power plants, military bases, and key government departments, etc. Used for protecting the security of premises within these units.

The lift-type double-sided road barrier machine can withstand vehicle collisions from two directions. It is specifically designed for road border inspection and maritime applications.





Portable Anti-Terrorism Vehicle Blocker

Portable Anti-Terrorism Vehicle Blocker A (Fixed)

Group A: 8 units, total length = 65 cm × 8 = 520 cm

Height: 105 cm

Dimensions: 105*65*85 (cm)

Weight: 13.5 kg

Portable Anti-Terrorism Vehicle Blocker B (Mobile)

Group A: 7 units, total length 65 cm × 7 = 455 cm

Height 105 cm

Dimensions: 105cm*65cm*85cm

Portable Anti-Terrorism Vehicle Blocker C (Remote Control Mobile Control System)

Dimensions: 105*65*85 (cm)

Weight: 19kg

Battery voltage: 36 V

Battery capacity: 4400mA

Motor power: 250W

Number of motors: 2

Control system operating conditions: -20°C to 70°C, allowing water flow but not immersion, standby time 30 days

Remote control range: 25 to 30 meters in unobstructed conditions



Spiral-Type Vehicle Barrier Net

The spiral axle-type vehicle restraining net is an innovative restraint technology specifically engineered for wheel axles. When the spikes in the net penetrate a tire, the tire's movement causes the entire net to wrap around it. As the vehicle advances, the restraining net tightens around the axle, effectively stopping the vehicle. This system offers higher restraint efficiency, lightweight design, and easy installation. Importantly, it poses no risk of fatal injury to drivers.

Area: 15m²

Length: 6 m

Width: 2.5m

Weight: 7kg

Volume: 0.25m³ after packing

Braking distance: A car traveling at 40 mph (64 km/h) has a braking distance of approximately 15 to 20 meters, which may vary slightly depending on the vehicle's weight and speed.

Scope of application: Applicable to sedans, minivans, off-road vehicles, buses, and trucks under 20 tons; not applicable to construction vehicles such as engineering trucks, forklifts, and loaders; suitable for all types of tires.



Microwave Vehicle Forced Stop System

This high-power electromagnetic emission device can forcibly shut down suspicious vehicles without physical contact. The system effectively stops suspected vehicles through non-violent and non-lethal means, ensuring no fatal harm to drivers or vehicles.

The microwave vehicle forced stopping system operates by directing high-power electromagnetic waves at suspicious vehicles. Through multidimensional electromagnetic coupling, these waves can interfere with critical components such as the engine control unit (ECU), ignition circuits, and key sensors. The resulting ignition signal disruption prevents normal engine combustion, causing the engine to stall. With power loss, the vehicle decelerates until complete stoppage.

The microwave vehicle forced parking system can be configured according to customer requirements and application scenarios, operating either as a fixed station or vehicle-mounted unit. With an overall equipment weight below 200kg and an average power output of less than 1 kW during forced parking operations, it can function using either mains power or battery backup. The system's operational status is remotely controlled with high precision through isolated optical fibers, ensuring enhanced operational safety. To minimize interference with surrounding vehicles and operators during operation, the electromagnetic beam emitted by the device features directional radiation characteristics.

Effective range: 3–15 m

Operating beam width: ±20°

System continuous operation time: >1 min

Power supply: AC220V or vehicle-mounted power supply

Input power: ≤ 1kw

System weight: ≤200kg

System maintenance cycle: 120 forced shutdowns





Turnaround gun

[Model:GWQ-RD type]
 Equipped with: Type 92 9mm pistol or Type 92 5.8mm pistol
 Total weight of the weapon system: 3.9 kg (including the pistol)
 Shooting accuracy:R50≤5cm, R100≤12.5cm
 Effective range: 50m
 Power supply continuous operation time: ≥2h
 LCD monitor: Size 2.5"
 Resolution: ≥480*234
 Equipped with tactical lights and laser indicators



95 assault rifle guide rail

[Model:XL-95DGG]
 Material: Aerospace aluminum alloy 6061-T6
 Color: Black
 Oxidation level: Hard oxidation
 Weight: 295g
 Inner diameter: 50.15 mm
 Outer diameter: 60mm
 Dimensions(mm): (L) 155* (W) 60* (H) 63.5



79 Light Charge Tactical Guide Rail

[Model:XL-79DGG]
 Material: Aerospace aluminum alloy 6061-T6
 Color: Black
 Oxidation level: Hard oxidation
 Weight: 448g
 Dimensions(mm): (L) 290* (W) 56* (H) 54



Multi-Functional Gun Mount

[Model:QW1]
 Dimensions: 520L (580) x 140W x 66H mm
 Weight: 1.40 kg
 Aiming device: mechanical sight
 Strength: High strength, impact-resistant
 Corrosion resistance: High
 Low temperature: -20°C
 High temperature: +60°C
 Water resistance: Normal use after immersion
 Suitable for pistols: Type 92, Type 64
 Reliability: High



Guide Rail for Type 88 Sniper Rifle

[Model:XL-88DG]
 Material used: Aerospace aluminum alloy 6061-T6
 Color: Black
 Oxidation level: Hard oxidation
 Weight: 195g
 Dimensions(mm): (L) 164.2* (W) 48.4* (H) 31



Customer Terminal and Energy



Type 95 Holographic Sight

Mirror width: 36mm;
 Magnification: 1x, no eye distance limitation;
 Brightness selection for red dot imaging in 1-3 gear ranges;
 Select NV1 or NV2 night vision mode;
 4R-4 four shooting aiming pattern display selection;
 Super field of view: 19M@100M; 1 click-1 MOA (i.e., the light spot moves 12mm at 50m distance per 1 click adjustment); Operating temperature: -10°C~50°C;
 Power supply: 1 CR1632

Dimensions: 94*58*59mm;
 Net weight: 220g



Type 95 1-4x White Light Sight

Length: 25 cm
 Magnification: 1-4x
 Objective lens: 28mm oblique aperture, tube diameter: 30mm
 Illumination mode: 3 levels for red, green, and blue lights
 Adjustment method: Lockable manual dial wheel
 Adjustment range: 1/2 inch beyond 100 yards at 1 click
 Coating method: Broadband green film
 Differentiation: Differentiation at the site of glass plate localization
 Outward gaze distance: 6 cm
 Weight: 500g



low-light scope

[Model:RM400]

Image Enhancer: Super Second Generation
 Zoom: 4x
 Field of view: 12.5°
 Range of visual acuity adjustment: +2° to-4°
 Focus range: 10 (m) - ∞
 Outpupil diameter (mm): 7
 Outward eye distance (mm): 35
 Observation range: 450m
 Operating temperature: -40°C to +50°C
 Power source: One 3V lithium battery
 Weight: 970 grams
 Dimensions: 242*72*82 (mm)
 Cathode type: 18mmS-25
 Cathode sensitivity: ≥550
 Resolution,lp/mm: 57-64
 Gain fl/fcd: 19000-25000
 Signal-to-noise ratio: 20-22
 Sensitivity value: ≥1250



Night Vision Scope

[Model:RM581]

Image enhancement tube: Generation-1 to Generation-2 Plus
 Resolution: 45-53 lines per millisecond
 Magnification: 6x
 Field of view: 6.8°
 Objective lens diameter: 75mm
 Key range: 10-∞ m
 Outpupil diameter: 5mm
 Outlet diameter: 45mm
 Power supply: 3V
 Battery type: 1XCR123
 Light source protection: is
 Low battery indicator: Yes
 Operating temperature: -45 to 50°C
 Length: 303*85*84(mm)





88 Type 5.8mm Sniper Rifle With Low-Intensity Sight

This product is designed for nighttime aiming and battlefield observation of targets within 400 meters. It enables approximate distance measurement when the target width reaches 0.5mm. Featuring an advanced second-generation image intensifier with three illumination modes—high-intensity, low-intensity, and dark mode—it supports precise aiming across varying background brightness conditions. The system also integrates with auxiliary lighting mechanisms for enhanced operational effectiveness.

- Magnification: 3x
- Field of view: $\geq 13^\circ$
- Output pupil diameter: 6 mm
- Eye distance: 30mm
- Resolution: 0.83mrad(illumination of 1×10^{-3} Lux)
- Refractive power: -4 to +2 (adjustable diopter, superior to bidding specifications)
- Distance division setting range: 600m
- Division adjustment range: 8.5 mesh size
- As an enhancer: $\geq 2+$ generation
- For example, the working time of the enhancer: 10000H
- Enhancer resolution: 51 lp/mm
- Zero position movement: 0.25 pitch
- Weight (including battery): 0.82 kg



92 Pistol With Downward-Suspended Sight

[Model:XL-211]

The product features a high-performance LED device capable of continuous operation for over 240 minutes, with an LED light brightness reaching 200 lumens.

This product has successfully passed waterproofing tests, heavy impact tests, and weapon recoil tests; it is waterproof, shock-resistant, and impact-resistant.

- Material: Aluminum alloy 6061-T6
- Wavelength: 635-660 nm
- Power: Red laser ≤ 5 mW
- Operating temperature: $-20^\circ\text{C} \sim 50^\circ\text{C}$
- Maximum LED lamp output power: 3W/225Lum
- Operating temperature range of LED lights: -40°C to 85°C
- Working time: 3-4 hours (laser + lamp)
- Net weight: 110 grams
- External dimensions: 80.36*36.58*48.50 (mm)



Thermally Conductive Line Sight DT-42X



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Investigation Grenade

The reconnaissance grenade is a unique wireless real-time monitoring system. Its front-end sensor features a spherical design resembling a hand grenade, offering impact resistance that facilitates manual deployment in hazardous remote areas. The system transmits live video and audio feeds wirelessly to backend display controllers in real time, enabling operators to conduct covert surveillance and control without physical presence in dangerous zones. This significantly reduces operational risks in confined and complex environments such as buildings, basements, caves, tunnels, and urban streets. The system proves particularly effective for counter-terrorism and reconnaissance operations conducted by public security forces, armed police units, and special operations personnel across urban, rural, and wilderness regions.

Detection range: 30m with barriers, 150m in open areas

1、Probe ball:

Automatic scanning mode: 360-degree continuous rotation with infinite turns at 4 rpm in silent mode. Manual scanning mode: Rotate the detection ball clockwise or counterclockwise to search for targets.

Camera: 1/3" color

Field of view: 55°

Audio/microphone sensitivity: 12V, below-3dB, detectable at a distance of approximately 8m

Detection direction: omnidirectional detection

S/N: greater than 60dB

Lighting source: NIR-LEDs

Light source distance: 8m

Light sensors can automatically adjust light intensity based on lighting conditions. Audio/video output mode: None

Data transmission method: Wireless

diameter : 85-90mm

Weight: 580-650g

Safe usage scope

Drop height: 2.3m (when the target is obstructed by walls or when personnel cannot see directly from above)

Control panel (allows arbitrary switching to control two reconnaissance balls)

Resolution: 1024X768, Color

Display size: 10 inches

Display type: TFT

Contrast: Contrast control 1:200

Audio output: 3.5mm headphone jack

Battery: Smart lithium battery, 12V,3600mAh

Duration: 5 hours

Charging time: 8 hours

Dimensions (excluding antenna): 227*177*44 (mm)

Weight: 1500g

Night vision capability: Equipped with night vision function in complete darkness, the NIR-LEDs lights enable clear target observation at distances exceeding 8m when activated in total darkness. Human eyes cannot detect illumination beams or red glare, facilitating covert reconnaissance. The NIR-LEDs light intensity automatically adjusts and compensates for ambient light intensity.



Integrated Combat Training System

[Model:RD-HLDKXT]

The VR scenario-based training system maximizes the recreation of real combat environments. Through video playback, assessment, and statistical analysis, it identifies training participants' deficiencies from both visual and data perspectives, thereby enhancing their capabilities in policy and regulations, tactical thinking, command skills, and personal qualities.

The Integrated Combat Training System is an intelligent red-blue military simulation confrontation evaluation system developed and produced to meet the practical training requirements of military and police forces. It creates a realistic exercise environment through virtual reality technology, enabling result assessment and playback analysis.

major function :

1. Map display of personnel positioning and control center;
2. Hit indicator (virtual reality technology);
3. Display real-time status of both parties and replay;
4. Display of casualties withdrawn from control by both sides;
5. Analysis and evaluation of results;
6. Data storage and playback;
7. Single soldier supports stereo dual HD helmet-mounted displays;
- 8.4 Rapid coordination for large teams (customizable for groups of 4 or more);
9. Supports sites with dimensions of 150±50 m (customizable from 200 to 1000 m²);
10. The training positioning restoration accuracy was 0.1 mm.
11. Capable of continuous operation for 24 hours without shutdown, unaffected by external environmental disturbances such as electricity, magnetism, visible light, and sound;
12. Single device supports 360° immersive spatial sound effects.
13. Supports multi-scenario 1-second loading and switching for training;
14. The single soldier virtual weapon system supports seamless weapon switching across multiple weapons within one second.
15. Supports TCP/IP LAN remote transmission control for the control center.
16. Supports remote transmission control for various training tools via 802.11 b/g/n standards.



Police Basic Application Simulation Shooting Training System

[Model:RD-7035]

The "Police Basic Application Design System" effectively addresses the fragmentation of shooting training venues and schedules for grassroots officers, enhancing their shooting accuracy and improving first-shot accuracy. This comprehensive system eliminates venue and time constraints, enabling on-the-go shooting practice to resolve three major training challenges: time constraints, venue limitations, and equipment shortages. Key advantages:

No location restrictions.

Training data visualization: Assists shooting instructors in identifying and analyzing various issues encountered by police officers during shooting, such as excessive trigger pull, incorrect gun aiming, and failure to achieve rapid target locking. This addresses problems that traditional training methods cannot resolve.

Improve the shooting accuracy of police officers.

To enhance the fun factor of shooting training, online competitions can be conducted.

Designed based on the Type 92 pistol, it maintains consistent weight, grip, and trigger-aiming characteristics. The system features aiming trajectory tracking, allowing instructors to monitor the aiming path.

The live shooting auxiliary training platform, covering the operational trajectory from gun lifting to shooting, enables instructors to conduct targeted training for trainees.

Through data analysis, the psychological changes during the shooting process of police officers can be understood.

basic configuration :

★Simulated pistol

The design is a 1:1 replica of the Type 92 pistol, maintaining identical weight, grip feel, trigger strength, and configuration balance compared to the original Type 92.

Featuring an OLED display, it clearly shows target battery level, trigger pressure, and other key information at a glance.

Equipped with an integrated non-directional recoil simulation device and high-power speaker for gunshot simulation, providing enhanced realism.

The trigger pressure adjustment range is 100g to 1500g, with a firing lifespan exceeding 200,000 cycles. Equipped with both visible and invisible lasers, ensuring safe power output.

★Target acquisition

The target reporting accuracy was better than 0.1 ring.

The target reporting time ≤ 0.2 seconds.

The target is a high precision pistol target.

The working environment light intensity ranges from 0 to 20KLux, adaptable to various indoor and outdoor settings.

Communication distance ≥ 15 meters, stability $\geq 99.99\%$, and interference resistance.

Charging time is less than 2 hours, with a working duration exceeding 40 hours.

★display system

The 10.6-inch tablet features intuitive and clear displays for loop counts, bounce points, and shot sequences.

High-speed capture of wobble trajectories during rifle lifting and aiming processes for instructors as reference data. Accurate reproduction of trigger pressure variation curves during the firing retention phase prior to discharge.

The system highlights trajectory bounce points around the target center, facilitating training for high-level police officers. Parameters such as firing sounds, target reporting methods, display modes, and number of shots per set can be freely configured. 24/7 technical support and permanent free online upgrades are provided.

★networked competition system

All devices can connect to the network after signing in with an account.

Supports public security users to develop multiple competition registration methods including web pages, apps, and offline options.

A scientific tiered system ensures the motivation of users at all levels.

Fully automated for match grouping, ranking, advancement, and elimination functions.

You can compete with multiple players in different locations simultaneously, including two-player matches.

Live match broadcasts can be streamed across multiple platforms, with previous matches available for replay at any time.

Grades can be shared, and instructors at all levels can be invited for targeted online feedback.

★Shaking trajectory curve

The entire process captures the wobbling trajectory during the gun raising and firing phases.

With a remarkable 40fps trajectory capture rate, every detail is rendered with exquisite clarity.

The latest second-by-second trajectory is distinguished from previous trajectories using different colors.

When the impact point falls within the black ring area, the target surface automatically zooms in.

The ring number is displayed in bold red and automatically fades out.

The latest projectile impact point is marked with highly distinguishable red.

All firing process details are fully recorded and can be dynamically replayed at any time.





VI. Police Reconnaissance Equipment

Japanese Multifunctional Partition Wall Listening System

[Model:F-999R]

The F999R is a perfect combination of an ultra-high sensitivity partition wall with earpieces, a metallic-colored receiver, a metal earpiece with superior sound absorption capability, and high-fidelity headphones. This design ensures high sensitivity, excellent performance, superior sound quality, simple operation, and portability.

Dimensions: Amplifier 64*22*98 (mm) / Microphone Ø36*30 (mm);

Weight: Amplifier 284g / Microphone 119g;

Power supply: 1 × 6V battery, powered by F battery or directly supplied by a voltage regulator, with external power input of 6VDC; Sound filter: 4 selectable frequency bands

0 = Direct

"1" = Low-frequency pass-through with high-frequency noise suppression

"2" = High-frequency pass, low-frequency noise suppression

"3" =Voice pass through

Sound limiter: automatically cuts off sudden loud noise spikes and records normal sound levels after 2 seconds;

Input & Output: The microphone features an 3.5mm mono mini jack for input.

Headphone output: 3.5mm stereo mini jack;

Attachments: Partition wall monitoring protection panel, microphone extension cable, stereo headphones.



British Wall Listening

[Model:HWCW-II]

This product can capture audio through structures such as walls, roofs, and floors. In hostage-taking scenarios, this stereo soundproof partition listening device serves as rapid surveillance equipment for special forces units. It is also an essential product for military-police units, criminal investigation departments, and technical reconnaissance units for both investigative operations and counter-surveillance activities.

Audio input: 2 audio inputs (microphone) (SMA)

Audio output: 3.5-inch stereo jack

Audio control: Low-pass filtering, fixed frequency, low-cut filtering 50-300 Hz, high-cut filtering 1-6 Hz

Receive control: 0-60dB unlimited

Headphone output:>32 ohms

Battery: 9V internal, 6-12V external



Dimensions: 105X26X128 mm

Noise reduction: 0-10 dB noise reduction switch

New Type Partition Wall Microphone III

[Model: Israeli FOS-I] Police-grade stereo optical fiber partition earphones feature portability, lightweight design, and waterproof construction for low detectability, making them suitable for covert voice evidence collection by law enforcement agencies in China. Key features and technical specifications:

When sound clarity is maintained, the maximum thickness of concrete walls may be 50 cm.

Primarily used for special equipment and special task forces to acquire event sound information.

Two sensor heads ensure clearer and more distinguishable sound, capable of being placed over 10 meters away; the stereo system can locate indoor speakers; user-friendly operation: simply place the contact sensor to listen. The latest Israeli wall listening technology; utilizing the principle of solid-state sound transmission, with dual-channel high-sensitivity pickup probes.

Optical fiber transmission delivers superior and clearer audio quality.

The standard audio output interface delivers superior recording performance.

Powered by dry batteries or a voltage-stabilized power supply.

Stereo equalization adjustment and volume control.



Handheld Wall Penetrating Radar

[Model:CE100]

Penetrable walls: non-metallic materials with low water content such as concrete, rock, and wood

Detection capability: Capable of detecting stationary and moving life forms within 10m after penetrating a 34cm-thick solid concrete wall; in non-contact scenarios, the maximum detection range for stationary and moving life forms is $\geq 40m$.

Detection angle: ≥ 120 degrees

Display modes: Target presence, motion reversal, and distance detection

Undervoltage alarm function: It has battery power display function, and when the battery power is insufficient, it should be able to display alarm and prompt on the screen;

Size: No larger than 31*11*8 cm

Weight: not exceeding 1 kg

Power source: Rechargeable lithium hydroxide battery

Battery life: $\geq 6h$



Cat-eye rearview mirror |

[Model:FMY-RD]

Size: 28*80(mm)

Weight: 50g

Viewing angle: ≥ 15 degrees

Objective lens: +/-5

Objective lens ring: detachable

Objective lens: separable

Weight: 50 grams

The product is primarily used for criminal investigation. It can be directly installed on standard commercial access control systems, allowing observation mirrors to monitor outdoor environments and simultaneously gather evidence of indoor conditions. Additionally, it can be connected to surveillance cameras for video recording purposes.



Handheld Wall-Penetrating Radar II

[Model:CEM100]

Penetrating media: cement, gypsum, brick, concrete, reinforced concrete, earthen brick, plaster, drywall, and other standard wall materials;

Detection range: $\geq 20m$ for motion, $\geq 15m$ for rest;

Detection angle: 120° horizontal and 90° vertical;

Display mode: presence or absence, quantity, and real-time location of moving and stationary targets;

Multiple targets: ≥ 3 ;

Dimensions: 218*105*46(mm);

Weight: $\leq 660g$ (including battery);

Protection rating: IP67;

Power supply: lithium battery;

Working hours: $\geq 4h$;

Remote display control: Built-in wireless module with a line-of-sight remote display control range of $\geq 50m$;

Optional configuration: Wireless display control terminal for remote screen splitting.



Cat's Eye Rearview Mirror II

[Model:RD-FS-1]

Bevel: 11 degrees

Heavy Star: 60g

Specifications: 8*22(mm)

Objective lens: 18 mm

View: 60°

Coating: Anti-reflective blue film

Field of view: 131 meters/1000 meters

X: 9

Size: 84mm long, 34mm wide

Function: The observation mirror can be directly viewed through the cat's eye on the door, allowing direct observation of indoor conditions from outside the room. It enables visual inspection and can be used in conjunction with commercially available video recorders for evidence recording. The refractive power can be adjusted according to individual visual acuity.

It can be used as a miniature 7x telescope for reverse observation.



Portable Police Rotating Endoscope

[Model:NKJ-RD06]

Primarily used for observation in areas inaccessible or undetectable to the human eye, allowing examination without disassembly or damage to the subject. Applicable in customs, public security, border defense, prisons, courts, etc.

Airports, factories, ports, sports venues, exhibition halls, post-earthquake rescue operations, security departments, and surveillance of criminal activities. 450,000 pixels for ultra-clear imaging, with four-directional rotation (left/right/up/down) capability, ultra-high-brightness LED lights with adjustable brightness for clear visibility in dark corners; IP66 waterproof design.

The lens is equipped with a 1-meter-long snake tube, with options available up to 5 meters in length. The alloy steel lens housing offers enhanced wear resistance.

Probe: Lens diameter 5.5mm/5.6mm; Hard part: Length 33mm;

Field of view: 115°/110°; Clear viewing distance: 10 mm to infinity/3-100 mm selectable;

Light source: Intense light source;

Display screen: 3.5" TFT LCD;

Screen features: Mirror mode, 2x zoom, 3x grid preview, and side-by-side comparison display.

Storage: 8GB RAM with support for 32GB memory cards.





Continuous Day-Night Observation System

Remote control: Adjust zoom, focus, video conversion, and control via the remote. Pan-tilt: Adjust pan-tilt and rotation.

Camera features: 36x optical zoom, 1/4 second exposure mode: 0.1Lx (typical) (F1.6, 50IRE), daytime operation

At 1000 meters, locate the target at 400 meters at night; at 100 meters, identify the person clearly.

Laser illumination: Utilizes a 915nm red-free semiconductor laser with a minimum power of 4 watts; Wireless transmission: Equipped with an integrated wireless transmitter to enable wireless image transmission.

Transmit power: 24 dBm;

Receiving frequency: 2.4G–5.8G;

Display size: 5-inch screen with AV signal input/output support for wired/wireless cameras and photo-taking capability; innovative design featuring loop recording function, allowing wireless display and host to operate independently without shutdown.

Battery Specifications: Equipped with 6 built-in 18650 batteries that can be easily and quickly replaced (industry standard uses non-replaceable internal batteries). Battery dimensions: 18mm×65mm. Without external power supply (including 220V mains and portable batteries), the laser system maintains continuous operation for at least 10 hours. Power Control: The 1.8-inch OLED display independently shows power module parameters, with real-time monitoring of operating voltage, current, remaining battery capacity, charging current, voltage, and charging progress.

Portable requirements: The main unit dimensions are 163*195*95 (mm), with the battery included weighing no more than 1.9 kg.



Electric all-directional 360° steering

Video (police Use) Electronic Endoscope

[Model:VK60C]

Working length: 1500mm

Outer diameter: ϕ 6mm

Field of view: \geq 90 degrees

Focal length: fixed optical; Objective lens: ultra-long depth of field, multi-layer glass with metal coating

Eyepiece protection ring: Stainless steel material

Imaging: Ultra-small high-definition, chip-based, 480,000-pixel, with automatic tracking, electronic shutter, automatic exposure, and automatic white balance.

Optimal working distance: 10-120 mm

Depth of Field: 20mm- ∞

Line of sight: direct vision

Casing design: Inner layer made of stainless steel flat wire ring with resin injection, outer layer with injection molding.

Horizontal resolution: $>$ 480 lines

Range of head tilting curvature: greater than or equal to 120 degrees

Bending direction of the peephole: 360° rotation, up and down

Handle: Joystick

Peeping direction: 360°, up and down

Image display: 3.5-inch TFT true color LCD screen with high-definition full-screen display and screen brightness of 250cd/m².

Image processing (optional): Dedicated image storage module for industrial endoscopes, enabling real-time photography, video recording, storage, playback, zooming, and rotation of images. SD media with 4GB memory, large capacity, image format JPEG, and video format MPEG4.

Illumination: manually controlled with continuously adjustable brightness;

Power: less than 5W

Lighting method: High-brightness new-type LED

Battery: Rechargeable battery pack

Power supply: DC, suitable for power-free working environments on-site

Temperature: -20 to 60 degrees Celsius

Relative humidity: 10% -85%

Corrosion resistance: tolerates oil contamination, 5% acid, and alkali

Optical system: Resolution of 16.6 lp/mm, field of view greater than 90 degrees

Line of sight: direct view, 360 degrees. Optimal working distance: 10-120 mm, optical fixed focal length

Imaging chip: Ultra-miniature color industrial coupling device with over 480,000 pixels

White balance control: Automatic white balance tracking

Gain control: automatic

Decision Gate: Electronic

Resolution: Industrial color LCD with 480 lines or higher

Display: 3.5-inch high-definition industrial color LCD screen, detachable, with unique design

Image recording function: on-site photography, recording, magnification, storage, etc.

Optoelectronic system: 3.1





Infrared Laser Forensic Night Vision Camera

[Model: RD-RYSL01] This specialized night vision device is a high-tech product integrating optics, electronics, chromatics, imaging, electromechanical and computer control systems with an infrared laser uniform dispersion optical system. Full-black visibility range: 400 meters, with human face recognition capability at 250 meters.

Daytime visibility: 2.6 km

External dimensions: W225mm*H110mm*D155mm (excluding base and shade cover)

Product weight(Kg): 2.5Kg

Recording method: Built-in MIC, External MIC

Operating modes: Daytime/Vehicle-mounted + Daytime/Nighttime/Vehicle-mounted + Nightlight/Laser + Nighttime Laser + Vehicle-mounted + Nighttime – six modes in total

Night vision illumination: Lighting equipment: Laser infrared lamp

Lighting angle: Synchronous zoom adjustable from 2° to 62°

Homogenization effect: Superior homogenization

Lighting distance: Far angle 2°: Effective distance>500M, Light spot diameter>16M

Language options: Chinese/English

Recording method: Automatic cyclic overwrite recording. Supports manual recording, motion detection, scheduled recording, and startup recording.

LCD size: 7.0 inch



telescope

[Model:BIJIA-1050]

An instrument capable of observing targets in dark environments; it can amplify faint light signals to enhance brightness, facilitating target observation and achieving night vision effects.

Zoom ratio: 5+

Refractive accommodation: ±4

Focusing range: 4m to infinity

Eye diameter: 12mm

Lens system: 197/60

Focal range: 1.5 to infinity



Outward distance: 15, Refractive power: ±4

Power source:AA battery (two x 1.5V)

Detection range: 400m; Observation range: 250m; Recognition range: 150m

Implementation standard "GJB2422A-2006 Method for Type Approval Testing of Low-Light Aimsopes for Light Weapons"

Integrated Night Vision Device

[Model:RD YSY-J1200]

The product integrates the advantages of thermal imaging and low-light microscopy, allowing users to select optimal operating modes based on observation scenarios. It supports displaying low-light images, thermal imaging images, or composite images processed through digital fusion algorithms. This dual-mode capability effectively highlights thermal targets while maintaining clear environmental background visibility, delivering comprehensive and high-resolution environmental imaging. The system enables rapid, accurate, and precise acquisition of observation targets with exceptional clarity.

Handheld design with dual objective lenses for observation, featuring binocular display and mountable on a tripod; capable of displaying low-light or thermal imaging images independently, as well as black-and-white and color images resulting from digital fusion of low-light and thermal imaging data.

Wireless image transmission feature with real-time image upload and on-the-spot storage capability.

Dimensions: <260*155*95(mm)

Weight: <2 kg

Continuous operation time:>1.5h

Vehicle recognition range:>800m

Person recognition distance:>500m

At least 6 observation modes are available: low-light, thermal imaging fusion, color fusion, infrared color source target red.



Type 95 Telescope

[Specification:YGG7X40]

Zoom: 7×

Field of view: 8°

Output pupil diameter: 5.7 mm

Output pupil distance: 22.2 mm

Range of visual acuity adjustment: ±5 diopters

Eye distance adjustment range: 56~72mm

Resolution: ≤7"

Intraocular division: Directional division with 0-50 grid values on both sides, including 0-05

High-low division: ±0-50 grid values 0-0.05

Range: 400~2000m

Five test indicators

Vibration: 5~55~5Hz

Impact: 20 g

Water immersion: 1.5 m, 1h, waterproof

High temperature: +55°C

Low temperature: -43°C

Dimensions: 189*69*140 (mm)

Weight: The telescope should not exceed 1 kg in weight, and the complete set should not exceed 1.5 kg.

Complete set includes: 7x telescope (with cross and V-type rangefinder) 1 unit + brush 1 set + lens case 1 unit + cleaning cloth 160x160mm 1 piece + eyepiece cover with neck strap 1 unit + user manual 1 copy + framed filter lens 2 pieces

Implementation standard: "GJB2422A-2006 Experimental Method for Standardization of Low-Intensity Sight for Light Weapons"





telescope |

[Model: Silver Tiger 12*50
Type] Magnification: 12x
Near focal distance: 8.0M
Caliber: 50MM
Output pupil diameter: 4.1 mm
Prism material: BAK4
Output pupil distance: 15.3 mm
Water resistance rating: IPX6
Focusing system: intermediate focus
Tripod interface: available
Field of view: 92m/1000m
Dimensions: 190*185*60mm
Weight: 0.99KG



Telescope II

[Model: Jiaolong 8*
30] Prism: BAK4
Coating: FMC ultra-wide coating
Weight: 570g
Shell: NBR ultra-durable shell
Dimensions: 115*165*75
Outward distance: 18mm
Water resistance: IP6
Objective lens aperture: 30mm
Objective lens diameter: 18mm
functional characteristics :
Built-in compass and range finder
Ideal for sailing, hunting, birdwatching, and scenic appreciation



night sight I

Model 77560
Volume: 240*100*68mm
Weight: 700g
Enhancement tube: 2+
Magnification: 5x
Objective lens: 56mm, Field of view: 13°
Resolution: 57 lane
Output pupil diameter: 22mm
Outward eye distance: 15mm
Focusing range: 0.2m-∞
Refractive error: ±5, compatible with standard cameras
Observation range: 500 meters for humans / 900 meters for vehicles
Power source: One CR123A battery
Standby operation time: 30-50 hours
Operating temperature range: -25°C to 60°C
Standard package includes: console, instruction manual, warranty card, carrying case, trial battery, and outer packaging box.



Digital Single Soldier Night Vision Equipment

[Model:AD2V]
This fourth-generation digital single-soldier night vision device is fully compatible with tactical helmets and law enforcement helmets, designed for use beneath face armor. Specifically engineered for forced entry operations and combat scenarios, the AD2V incorporates state-of-the-art photo-sensitive sensors, high-precision software-defined (SW) algorithms, and real-time computing technology. Equipped with an adjustable infrared illumination system, it delivers clear imaging capabilities under moonlight, starlight, or complete darkness conditions.
Light sensitivity: 0.00029 lux under daylight conditions with passive operation (infrared radiation illumination off)
Minimum required illuminance: 0.00029 lux
Field of view: 43° (customizable)
Binocular distance: adjustable from 55mm to 75mm
Infrared lighting: Automatic control 0-100%
Continuous operating time: 10 hours (33% infrared illumination) Night vision goggles weight <350g
Night vision range:>30m in total darkness (infrared illumination provided, subject to target characteristics)
Starlight and moonlight environment>100m (related to natural brightness)
Urban environment>200m (related to ambient brightness)



Low-Light Level Night Vision Device

[Model:RG-88]
Function: Capable of observing targets in dark environments
Zoom ratio: 5+
Refractive accommodation: 4
Focusing range: 4m to infinity
Eye diameter: 12mm
Lens system: 197/60
Commercial coke range: 1.5 to infinity
Outward gaze distance: 15
Refractive power: +4/-4
Power source:AA battery (two x 1.5V)
Execution range: 400m
Observation range: 250m
Recognition range: 150m;
Implementation standard:GJB2422 A-2006
Experimental Method for Standardizing Micro-Luminous Sight of Light Weapons



Night Sight II

[NK-720 type
Magnification: 6X
Focus range: 2m to infinity
Observation range: 350m
Field of view: 4°*3.3°
Refractive power: ±3
Image resolution: 2592*1944
Video resolution: 1280*720
Memory card: 32GB TF card
Tripod interface: 2 locations
Built-in display: 1.5-inch color LCD screen
Operating voltage: 6V (4xAA, 5V rechargeable lithium battery)
Product weight: 765g
Product dimensions: 62*105*208 (mm)



Fourth Generation Monocular Night Vision Instrument

[Model:OHB-X]

This product can be used handheld or mounted on a head-mounted helmet. It supports 1.3x,5x, and 8x lenses. When equipped with an 8x lens, it can be connected to a tripod for long-distance fixed-point observation. The device can be fitted with high-power infrared fill lights and features an AUTO function. When used in head-mounted mode, lifting the headrest upward automatically turns off the device, providing light protection and automatic brightness control. It also includes a built-in wide-angle infrared light for easy target detection.

Enhancer level: 51
 Zoom factor: 1x (3x,5x, or 8x available)
 Lens coefficient: F1.2, 25mm
 Resolution: 138
 Field of view: 40°
 Range of refractive power adjustment: -2° to +8°
 Focus adjustment range: 25 cm to infinity
 Operating temperature: -40 to +50°C
 Storage temperature: -50 to +70°C

Power source: 1 3V lithium battery

Battery runtime: 60 hours
 Dimensions: 160*150*75(mm)

Weight: 0.5 kg
 Infrared range: 50-80 meters

Night resolution: 4-721P/MM
 5. IR lamp: 4 hours;



Binocular thermal imager

[Model:OHR-75-6]

This product can operate continuously during both day and night, while possessing the capability to penetrate fog, smoke, and particulate matter such as dust, enabling it to perform search and reconnaissance tasks at night.

Magnification: 4x
 Digital zoom: 8-16x
 Wavelength range: 7~14 μm
 Angle of view(HXV): 8.3x6.2
 Out瞳 distance: 52mm
 Outpupil diameter: 6 mm
 Thermal sensitivity: ≤50 μk (at 25°C)
 Detection range:>1800m for humans (1.8m*0.5m)>1900m for objects (2.3m*2.3m). Recognition range:>460m for humans (1.8m*0.5 m)>500m for objects (2.3m*2.3m).

Working hours: 8 hours
 Frame rate: 50Hz
 Non-uniform correction: Utilizing diaphragm-free technology
 Image polarity: black heat/white heat/brown/iron red/green/fluorescent color

Operating temperature: -40°C to 50°C

Weight: 1.3 kg

Cross divider: available

Adjustable binocular interpupillary distance: available

Protection rating: IP65



Thermal Imager

[Model:Kelusi 11860]

CCD:1/3"SonyCCD
 Zoom: 8x
 Objective lens aperture: 60 mm
 Observation range: 700m during daytime and 400m at night
 Infrared range: 80-100 (m)

Field of view angle: 13 degrees

Waterproof: Residential waterproofing

For both day and night use:
 Yes

Product weight: 400g

Dimensions: 260*100*65 (mm)

Operating voltage: 3 cells of 3.0V (CR123A)

Memory card: Supports up to 16GB

Features: High-sensitivity photosensitive element; Adjustable brightness; Built-in infrared illumination; Compact and lightweight design with ergonomic features; Easy operation; Waterproof and fog-resistant for daily use.



Monocular thermal imager

[Model:Kelusi D101]

It has achieved comprehensive integration in multiple aspects such as battery life, portability, and real-time image sharing.

Detector type: Uncooled focal plane

Pixels: 384*288

Field of view: 21.7°*16.4°

Objective lens aperture: 25MM

Focal length: 25mm

Noise equivalent temperature difference: 80 mK@30°C

Focus: Fixed focal length

Electronic zoom: 2X,3X,4X

Wavelength range: 8-14 μm

Image Transfer: Real-time image transfer via WiFi, supporting mobile app, image browsing, photography, and video recording

Hotspot Tracking: Identifying the Highest Temperature Point in Cross-Cursor Tracking Scenarios

Display: Color LCD: 640*480 (Eyepiece visual acuity adjustable)

Image polarity: black hot, white hot, red hot

Battery: Lithium battery, supports 5 hours of continuous operation, supports USB charging, and can be connected to an external power bank

Operating temperature: -20°C~50°C, Storage temperature: -40°C~60°C

Protection rating: IP66

Weight: <0.5kg

Dimensions: <190*70*70(mm)

Human detection range (m): 550, Vehicle detection range (m): 750

Human recognition distance (m): 270, Vehicle recognition distance (m): 380





Seven, Criminal Investigation Technology Equipment

Field Trace Investigation Box

[Model:RD-HLOI]

Weight: 4.99kg Dimensions: 340*280*165(mm)

The product set includes: 1 round gray mouse brush, 1 flat gray mouse brush, 1 large magnetic fingerprint brush, 1 bottle of gold powder, 1 bottle of silver powder, 1 bottle of black magnetic powder, 1 ear cleaning ball, 1 roll of fingerprint tape, 1 roll of palm print tape, 30 black fingerprint backing sheets, 30 white fingerprint backing sheets, 1 bottle of 502 adhesive, 10 qualitative filter papers, 1 fingerprint presser box, 1 rechargeable white light flashlight, 1 magnifying glass, 1 pair of pointed tweezers, 1 sharp-pointed camera, 1 pair of scissors, 1 set of combination tools, 1 5-meter tape measure, 1 test pen, 1 small compass, 3 red-yellow-white chalk sticks, 1 field record book, 1 ballpoint pen, 1 marker pen, 1 pencil, 1 pencil sharpener, 1 eraser, 2 scale sheets, 2 evidence labels, 5 small evidence bags, 1 towel, 2 sweat-absorbent gloves, 5 disposable masks, and 1 aluminum alloy box.



Drug Testing Kit

[Model:RD-NJ-I]

Weight: 2.6 kg

Dimensions: 420*320*120(mm)

Equipment configuration: 12 cannabis test kits, 12 amphetamine test kits, 12 cocaine test kits, 12 morphine-ketamine-methamphetamine (MOP) test kits, 1 urine cup holder, 50 small plastic evidence bags, 10 professional urine collection bottles, 4 A/B seals, 20 disposable urine cups, 20 disposable masks, 1 pack of PE disposable gloves, 5 pairs of PVC disposable sleeve covers, 1 pair of scissors, 1 pair of tweezers, 1 black marker pen, 1 pack of sanitary wet wipes, 1 red single-finger fingerprint collection box, and 1 nylon cloth bag.

[Model:RD-DP-I]

The on-site drug testing kit employs titration chemical colorimetry.

The method can detect benzodiazepines within minutes.

Barbiturates, opioids, amphetamines, and their derivatives, cannabis, cocaine, ephedrine, etc.

Rapid screening using drug abuse.

Dimensions: 435*335*110(mm)

3, Weight: 3.1 kg

Configuration: 3 sets of reagent A, 2 sets of reagent B, 2

Set of reagents C, 2 sets of reagents D, 5 glass rods

1 set of reagent E, 1 set of reagent G, 1 set of reagent H,

2 drip plates, 1 sampling spoon, 5 plastic items

Test tube, 1 pair of scissors, 1 pair of forceps.



Traffic Accident Investigation Kit

[Model:RD-JT-1]

Packaging details:

Equipment includes: 1 tire pressure gauge, 1 roll of warning isolation tape, 1 high-strength waterproof flashlight, 1 traffic command baton, 1-meter steel tape measure, 30-meter cloth tape measure, 1 box of red clay, 1 wire clamp, 1 craft knife, 75ml cross-shaped pliers, 75ml straight pliers, 125ml cross-shaped pliers, 1 adjustable wrench, 1 surgical scissors, 125ml straight pliers, 1 straight-head hemostat, 1 straight-head forceps, 1 magnifying glass, 1 compass, 1 chalk box, 10 chalk sticks, 2 plastic evidence bottles, 1 ballpoint pen, 1 red marker pen, 1 black marker pen, 1 set of triangular rulers, 1 proportional ruler, 1 notepad clip, 2 pairs of medical gloves, 5 scene diagram symbols, 2 pairs of sweat-absorbent gloves, 1 aluminum alloy box, 1 towel, 10 large plastic evidence bags, and 10 small plastic



Incendium Scene Investigation Box

[Model:KC-RD05]

Packaging details:

Magnetic rod, 50-meter rope, standard scissors, ophthalmic scissors, 20-meter tape measure, 5-meter tape measure, evidence box, large evidence bottle, small plastic evidence bag, disposable plastic gloves, red/white special pencil, wire clamp, multi-purpose knife, UV lamp, small evidence photo, paper evidence bag, evidence label, absorbent cotton, adhesive tape, craft knife, head-mounted flashlight, medium-sized plastic evidence bag, sweat-absorbent gloves, self-adhesive scale.



Fire Scene Investigation Box

[Model:RD-HZKC01]

Equipped with large-scale tools such as axes, crowbars, and wire cutters for removing major obstacles. Sealed containers are provided for preserving physical evidence containing combustion aids.

Dimensions: 485*325*200(mm)

Weight: 11.9 kg

Equipment configuration: 1 pair of wire cutters, 1 crowbar, 1 axe, 1 steel saw, 2 saw blades, 1 hammer, 1 folding wood saw, 1 large folding shovel, 1 pair of pliers, 1 crosshead screwdriver, 1 flathead screwdriver, 1 chisel, 1 set of combination tools, 1 pair of scissors, 1 voltage tester, 10 brushes, 1 large sieve, 1 tweezers, 1 pack of surgical blades, 1 surgical knife handle, 1 pair of large forceps, 1 roll of adhesive tape, 1 magnifying glass, 1 20-meter tape measure, 1 5-meter tape measure, 1 box of qualitative filter paper, 1 box of cotton swabs, 5 disposable syringes, 10 plastic test tubes with stoppers, 6 plastic evidence bottles, 10 large plastic evidence bags, 10 small plastic evidence bags, 2 sealed containers, 1 pair of goggles, 1 set of acid/alkali gloves, 2 pairs of sweat-proof gloves, 1 surgical gown, 1 pencil, 1 marker pen, 1 eraser, 1 pencil sharpener, 1 ballpoint pen, 1 stationery box, 1 notebook, 1 aluminum box.



Fire Scene Investigation Box

[Model:RD-HZKC02]

Dimensions: 600*420*210(mm)

Weight: 15kg

Equipment Configuration: 1 combustible gas detector, 1 magnifying light, 1 UV lamp, 1 LED uniform light flashlight, 1 axe, 1 folding shovel, 1 steel saw, 2 saw blades, 1 crowbar, 1 wire cutter, 1 chisel, 1 set of combination tools, 1 electric tester, 1 folding wood saw, 1 rake, 1 stainless steel sieve, 1 pair of large tweezers, 1 pair of small tweezers, 1 box of tweezers sleeves, 1 surgical knife handle, 1 pack of surgical blades, 10 brushes, 1 folding board, 1 pair of surgical scissors, 1 compass, 1 roll of forensic tape, 1 box of qualitative filter paper, 1 pack of cotton swabs, 2 5ml disposable syringes, 10 plastic stoppered test tubes, 6 plastic evidence bottles, 10 large plastic evidence bags, 10 small plastic evidence bags, 1 sealed container, 1 pair of protective goggles, 1 pair of cut-resistant gloves, 1 pair of acid/alkali-resistant gloves, 2 pairs of sweat-absorbent gloves, 1 pack of PE gloves, 2 pairs of disposable shoe covers, 5 disposable masks, 5 disposable caps, 1 set of disposable investigation suits, 1 20-meter tape measure, 1 ballpoint pen, 2 markers, 1 notebook, 1 ABS moisture-proof box.



Footprint Retrieval Box

[Model:FYZJ-IA]

Weight: 9.4 kg

Dimensions: 535*285*190(mm)

Equipment Configuration: 1 VI-type electrostatic adsorber, 1.2-meter grounding wire, 1 extension cord for 8-meter grounding wire, 1 charger, 1 power adapter, 10 rolls of complete footprint electrostatic film, 14 individual footprint electrostatic films, 4 electrostatic plates, 1 dust footprint protection box, 1 bottle of dust fixation agent, 5 black-substrate footprint extraction sheets, 5 white-substrate footprint extraction sheets, 2 sets of 30x15 cm angular rulers, 1 5-meter tape measure, 3 red-yellow-white waterproof chalk sticks, 1 towel, 2 pairs of sweat-absorbent gloves, 4 pairs of disposable shoe covers, 5 disposable masks, 5 disposable caps, and 1 aluminum alloy storage box.

[Model:FYZJ-III A]

Weight: 9kg

Dimensions: 525*280*165(mm)

1. Each bag of plaster weighs 1050 kilograms, which is just enough to cast a footprint.

2. A standard water bottle filled to the brim matches exactly one bag of plaster.

3.4 Place the gypsum bags into a sturdy plastic container to ensure no leakage.

4. After the use of gypsum, replenish at a rate of 1050 grams per bag.

Inner box configuration: 1 gypsum storage box, 4 standard-capacity gypsum bags, 1 standard-capacity water bottle, 1 gypsum mixing box, 1 gypsum mixing rod, 1 gypsum spoon, and 20 mesh gypsum reinforcement bars.





DNA Extraction Kit

[Model:RD-DNA-IV]

Weight: 12.2 kg

Dimensions: 600*420*210(mm)

Equipment Configuration: 1 rechargeable white light flashlight, 1 illumination magnifying glass, 4 exfoliative cell collectors, 40 biological evidence swabs, 20 swab storage boxes, 5 oral swab rods, 5 saliva collection cards, 20 blood collection cards, 20 sterile blood collection needles, 40 povidone-iodine disinfectant swabs, 20 hemostatic swabs, 1 pack of medical trauma bandages, 1 set of ophthalmic scissors, 1 set of straight-head ophthalmic forceps, 1 set of curved-head ophthalmic forceps, 1 surgical knife handle, 10 surgical knife blades, 1 set of tissue knives, 1 box of toothpicks, 10 1.5ml centrifuge tubes, 2 5ml syringes, 1 bottle of 75% ethanol (100ml), 1 box of filter paper, 2 sheets of evidence packaging paper, 10 large plastic evidence bags, 10 medium plastic evidence bags, 10 small plastic evidence bags, 10 No.5 paper evidence bags, 20 sulfuric acid paper specimen bags, 1 pack of disposable sterile masks, 1 pack of disposable nitrile gloves, 1 pack of disposable sterile caps, 2 pairs of disposable foot covers, 1 marker pen, 1 ballpoint pen, 1 adhesive scale notebook, 1 adhesive number notebook, 1 on-site investigation record book, 1 folder, 1 set of aluminum alloy boxes, 1 box of blood trace preliminary test kit, 10 anti-human hemoglobin test strips, 10 anti-human semen test strips, 1 set of XB-II cell aspirators, 1 box of XT-I cell aspirators, 1 box of XT-II cell aspirators

[Model:RD-WZTQ]

1 LED flashlight, 1 long-wave ultraviolet light source, 1 illumination magnifying glass, 4 exfoliative cell collectors, 20 blood collection cards, 5 saliva collection cards, 5 oral swab rods, 20 cotton swab storage boxes, 40 specialized cotton swabs for biological evidence collection, 20 sterile blood collection needles, 40 povidone-iodine disinfectant cotton swabs, 1 ophthalmic scissors, 1 straight-head ophthalmic forceps, 1 curved-head ophthalmic forceps, 1 surgical knife handle, 10 surgical knife blades, 1 wallpaper knife, 1 box of toothpicks, 10 1.0ml centrifuge tubes, 2 5ml syringes, 10 sample dilution cups, 1 bottle of 75% ethanol (100mL), 1 box of filter paper, 5 packs of ABO blood type test reagent cards, 1 box of blood trace pre-experiment kit, 2 sheets of evidence packaging paper, 10 large plastic evidence bags, 10 medium plastic evidence bags, 10 small plastic evidence bags, 10 kraft paper specimen bags, 20 sulfuric acid paper specimen bags, 1 pack of disposable sterilized masks, 1 pack of disposable PE gloves, 1 pack of disposable sterilized caps, 2 pairs of disposable foot covers, 2 sets of anti-static gloves, 1 marker pen, 1 ballpoint pen, 1 adhesive scale book, 1 adhesive number book, 1 aluminum alloy box.



Forest On-Site Survey Box

[Model:KC-RD02]

Equipment includes: 1 compass, 1 telescope, 1 camera, 1 VCR, 2 cassette tapes, 1 charger, 1 bottle of gold powder, 1 dual-purpose spotlight, 1 bottle of silver powder, 1 bottle of concentrate powder, 1 set of electrostatic brushes, 1 5-meter steel tape measure, 1 round brush, 1 flat brush, 1 roll of fingerprint tape, 1 tree measurement tape, 1 wire cutter, 1 craft knife, 1 box of fingerprint ink, 1 log volume ruler, 1 plotter set, 1 stationery box, 1 ballpoint pen, 1 adjustable wrench, 1 marker pen, 1 notepad, 2 specialty pencils, 1 set of combination screws, 1 triangular ruler, 1 set of triangular rulers, 1 proportional ruler, 1 pair of straight-tipped tweezers, 1 curve board, 1 semicircular protractor, 1 pair of medical gloves, 1 handheld magnifying glass, 1 towel, 10 plastic bags, 1 pair of sweat-absorbent gloves, and 1 stainless steel image eraser.





Urine Test Kit

[Model:RD-NJ-II]

This box contains:

10 morphine screening test strips, 10 methamphetamine screening test strips, 10 ketamine drug detection reagents, 10 ecstasy detection reagents, 10 cocaine detection reagents, 10 amphetamine detection reagents, 10 cannabis screening reagents, 10 benzodiazepine detection reagents, 10 barbiturate detection reagents, 10 tricyclic antidepressants, 9 50ML plastic centrifuge tubes, 20 IML plastic droppers, 20 filtered plastic centrifuge tubes, 20 sample cups, 2 distillation flask bottles, 15 sample spoons, 1 pack of disposable plastic gloves, 2 forceps, 1 graduated cylinder, 1 marker pen, 1 plastic box.



Portable Eight-Band Light Source

Material: Aviation aluminum alloy 6061-T6

Surface oxidation: Thickened anodized coating

Bulb type:CREE Q53W LED

Electrical bulb life: 3000 hours

Battery: 18650 lithium battery

Band: Eight-band

Eight-band: 620nm/455nm/505nm/585nm/470nm/530nm/395nm White light

Characteristics: Collection of forensic evidence including fingerprints, footprints, bloodstains, fibers, blood, semen stains, human tissue fluids, drugs, pesticides, and explosive residues from the accident scene.



Dual-Wheel Multi-Band Light Source

[Model:JTX-T911A]

Main application: Forensic evidence collection for accident scenes, including fingerprints, footprints, bloodstains, fibers, blood, semen stains, human tissue fluids, drugs, pesticides, and explosive residues.

Output wavelength bands (4): white light 365nm-415nm-450nm.

Output bands (7): white light 365nm-415nm-450nm-515nm-565nm Output bands (13):

A wheel [white light 365nm-415nm-450nm-490nm-510nm]

B-round [White light-630-555-570-590-610-Soft white light =

White light ×40%] Lamp type: 75W Xenon lamp bulb

Bulb lifespan: 3000 hours

Color temperature: 5700K-12000K

Main housing: Aluminum alloy

Main body weight: 2.2 kg

Main unit size: 260*100*135mm

National patent granted: Patent No.201130470471.6



Four-color survey light source

Material: Aviation-grade aluminum alloy 6061-T6

Dimensions: Total length 212mm * Lamp head diameter 42mm * Tube body diameter 28mm

Rated voltage: 3.7V

Rated current: 500mA

Light bead: One 3W CREE Q5 light

Capacity: 3.7V 2400MAH

Intense light illumination:>3 hours

Brightness: white light 200 Lm, red light 62 Lm, green light 135 Lm, blue light 171 Lm

Wavelength: white light 6500K, red light 625nm, green light 535nm, blue light 450nm

The diameter of the pocket spot at 50 cm is 21.5 cm.

50cm Illumination: white light 3000lx, red light 1100lx green light 1200lx, blue light 2700lx

Switch: Single-key control for color change and on/off operation

Weight: 300g

Features: Uniform light irradiation with homogeneous light spot, wide light projection, identical four-color light spots without chromatic aberration or light streaks, no need for filters, and water-resistant, pressure-resistant, and drop-resistant properties.





Uniform Illumination Source

Material: Aviation-grade aluminum alloy 6061-T6
 Dimensions: Total length 212mm * Lamp head diameter 42mm * Tube body diameter 28mm

Light bulb: A 3W CREE Q5 light

Rated voltage: 3.7V

Rated current: 2.8A

Power: 3W

Lithium battery capacity: 3.7V 2400mAh

Intense light illumination:>3 hours

Brightness: 1200lm White light: 6500K

Light spot diameter at 50 cm: 21.5 cm

Light uniformity ≥90%

Switch: Single-key control switch

Weight: 300g

Features: Uniform light irradiation with even light spot distribution, wide light projection, no chromatic aberration or light streaks, no need for filters, and waterproof, pressure-resistant, and drop-resistant properties.



Portable Ultra-Wide Uniform Light Survey Lamp

[Model:HW-HL24D]

This product uses LED lamp tubes with brightness of 1200Lm and projection combination lenses, which can be used for on-site survey footprint, finding traces of small objects, and on-site photography as a new generation of lighting type.

Materials: American CERR quad-core 12W LED lights, ultra-clear toughened optical glass lenses

Circuit: Digital constant current circuit with constant brightness

Surface: Thickened anodized

Mode: Three light output modes Performance:

Performance: High-brightness 1200Lm

Battery life: 360 minutes in bright light

Luminous flux (at 3 m): ≥ 225 Lx

M Spot diameter: ≤800 mm

Uniformity of illumination: ≥85%

Bulb lifespan: 100,000 hours

Charging voltage: 12.6V

Net weight: 1.58 kg

Dimensions: 215*80*110(mm)



Portable Multi-Functional Field Survey Light

[Model:HWPD-11]

General illumination: Produces a uniform light beam, serving as an ideal light source for searching for physical evidence and photographing evidence. Color separation inspection and color separation photography: By illuminating trace evidence with the lamp's different colored outputs, contrast effects distinct from those of white light can be observed.

Fluorescence excitation: Use a fluorescent fingerprint powder brush to reveal latent fingerprints, then illuminate the shooter's fingerprints with the blue light emitted by the lamp. Direct observation will reveal intense fluorescence from the fingerprint lines. Wearing orange glasses enhances the observation effect, as polarized light can better visualize latent fingerprints or intensify faint fingerprints.

Ballast voltage: DC 12V

Bulb rated power: 100W

Battery output voltage: adjustable DC 0-12V

Light bulb output power: adjustable from 0 to 100W

Battery capacity: 7.5AH

Bulb color temperature: 3000K

Transformer input voltage: AC220V

Bulb lifespan: 500h

Transformer output voltage: adjustable DC 0-12V

Charging current: 1250mA

Battery life: 45min

Charging time: 7h



High-Power Multifunctional Xenon Light Source

[Model:HWDGN-I]

It can efficiently and rapidly detect criminal footprints on various surfaces, capturing narrow-band luminescence spectra suitable for latent fingerprints, bloodstains, or trace blood traces within the 415-475 nm range.

Potential fingerprint appears;

Extraction of potential footprint discovery;

The appearance of semen stains, vaginal secretions, and saliva stains;

Detection of tissues such as animal fat, bone marrow, and bone tissue;

The extraction of luminescent fiber;

Trace of occult blood is detected;

Light source operating wavelength: 415-475 nm

Color temperature: greater than 7500K

Power: 150W

At 3 meters from strong light, the central illuminance is ≥167,000 LX

At a distance of 1 meter from the soft light source, the central illuminance is ≥2640 OLX

Operating voltage: 220V

Operating temperature: +45°C to-10°C

Continuous working time: ≥4h



Footprint survey lamp

[Model:RD-P01 RD-P03 RD-P04 RD-P05]
 Beads: 18 high-power American CREE LED (RD-P01/RD-P04)
 12 high-power American CREE LED (RD-P03)
 30 high-power American CREE LED (RD P05)
 Light source: Simulates uniform distribution of natural light with ultra-bright white light
 Face mask: Imported glass cylindrical mirror
 Light flux: 2500LM(RD-P01/RD-P04),1600LM (RD-P03), and 3200LM (RD-P05)
 Color temperature: 6000K
 Power: 100W(RD-P01/RD-P04)
 60W(RD-P03), 150W(RD-P05)
 Life: 5000 hours(RD-P01/RD-P ° 3/RD-P ° 4)
 1000 hours(RD-P05)
 Dimensions: 225*285*104(mm) (RD-P01)
 250*70*134(mm)(RD-P03)
 235*115*100(mm)(RD-P04)
 350*95*130(mm)(RD-P05)
 Illumination duration: Large-capacity lithium battery provides continuous illumination for 1.5 hours
 Voltage: AC 110V-220V / DC 16.8V
 Output light width: The output light width is large, with a illumination width of 80 cm at 50 cm from the light source.
 Diffusion angle: 80° horizontally and 15° vertically
 Spot shape: The emitted light spot is rectangular in shape, with a size of 90*10 cm at a distance of 0.5 m from the lamp.
 Spot uniformity: The light intensity of the peripheral spot is not less than 25% of that of the central spot.
 Monochromatic photography function: Equipped with blue and orange filters for color separation photography (optional)
 Polarized light transmission function: Polarized photography
 Outer box: Aluminum alloy outer box



Laser-Based Physical Evidence Display Device

This product can directly excite the original fluorescence response of objects with non-smooth surfaces and good diffuse reflection (e.g., grease fingerprints and sweat marks on walls, paper, etc., excluding transparent objects). It enables long-distance detection and identification of traces of semen, sweat, saliva, fibers, bone fragments, tooth debris, and human tissues, as well as recognition of faded stamps, text, fluorescently treated fingerprints, drugs, bleaching agents, and other fluorescent substances without requiring pretreatment, allowing direct excitation and photography.

Laser wavelength: 445nm \pm 2nm;
 Laser output power: \geq 10W blue laser
 Laser lifespan: \geq 10,000 hours;
 Power stability: \leq 5% within 4 hours;
 Working duration of lithium battery: 2.5 hours (for both AC and DC applications);
 Optical fiber collimator: Large-aperture liquid fiber collimator for optical fiber guides;
 Spot characteristics: uniform light output, no chromatic aberration, no light streaks, no flare, circular light spot with clear edges;
 Spot uniformity: \geq 85%;
 Structural features: Integrated main chassis with built-in lithium battery and shock-resistant aluminum alloy outer casing;
 Continuous operation time: up to 12 hours at maximum output optical power.
 Received filter slides: 480nm, 515nm, 535nm, 565nm;
 Operating voltage: 220VAC and 12VDC;
 Operating temperature: -5°C to 40°C;
 Laser dimensions: 560*350*230mm;
 Net weight of laser: \leq 8.5 kg



Forensic investigative equipment



Multiband Light Source Instrument

This product plays a significant role in the detection, extraction, and analysis of traces at criminal crime scenes. It is designed for both alternating and direct current applications, featuring a compact and portable design with convenient portability. The device employs a rotary band-switching mechanism for easy operation.

Light source power: 100W

Cooling method: Air cooling

Main body weight: 1kg

Bands: white light, 365nm, 415nm, 450nm, 505nm, 530nm, 555nm, 590nm, 610nm



microscope

[Model:XWJ-RD]

Total magnification: 3.36X-108X

Eyepiece: 10X, 20X;

Maximum physical site dimensions: diameter 60mm

Objective lens: 0.7X-4.5X continuously adjustable, with an additional 0.4X

The optical system enables arbitrary-direction field of view cutting and edge alignment. The moving range of the stage is: 54mm in the transverse direction, 54mm in the longitudinal direction, and 54mm in the vertical direction. The horizontal linkage range between the two stages is 54mm, with a lifting range of 54mm.

The column features coarse lifting mechanism, and the loading platform can accommodate ultra-high objects.

Lighting: 12V 50W air-cooled high-intensity light source disk (10mm diameter), cold light source fiber optic



Mini Ultra-Wide Spectrum Full Physical Evidence Search Recording System

The Mini Ultra-Wide Spectrum Full Evidence Search and Recording System employs a large-scale scientific-grade image sensor with a spectral response range of 150nm to 1100nm. It enables comprehensive search and high-definition recording of various biological evidence including fingerprints, palm prints, bloodstains, saliva, urine, semen stains, DNA traces, and exfoliated cells on different surfaces, demonstrating exceptional sensitivity and superior weak trace detection capabilities. When paired with proprietary reagents, this system overcomes traditional limitations of ultra-wide spectrum imaging, allowing effective detection and documentation even on permeable materials and rough surfaces.

The system's back-illuminated SCMOS ultraviolet photosensitive chip, specialized full-spectrum objective lens, and multi-band light source support high-definition imaging across the deep ultraviolet, visible light, and near-infrared spectral ranges. It enables various functions including large-area fingerprint scanning at long distances, close-range (enclosed) fingerprint capture, medium-range potential bloodstain detection, biological trace analysis, and document authentication.

The Mini Ultra-Wide Spectrum Full Physical Evidence Search Recording System adopts an integrated design, enabling the equipment to meet multifunctional requirements while maintaining operational efficiency.

The device is further miniaturized and lightweight, thereby addressing the shortcomings of existing ultra-wide spectral equipment on the market, such as large size, heavy weight, complex operation, and inability to adapt to various complex field environments. This equipment can be operated by a single individual or with one hand, and can be used for extended periods, significantly improving the efficiency of physical evidence search and reducing the workload of frontline criminal investigators.





UV Observation and Photography System

The system employs third-generation military-grade UV image enhancement tubes specifically customized for criminal forensic UV observation requirements. Utilizing military-grade manufacturing processes ensures flawless performance in every equipment set, with practicality prioritized and user-centric design. It incorporates original American high-quality UV filters and imported complete UV light source series (254nm, 312nm, 365nm, 450nm), featuring customizable UV lamp power configurations to meet client specifications.

1、 Practical for Grassroots Use (1W&3F)

This represents the most basic configuration of the series. It includes essential components such as: UV observation gun; 254nm compact handheld UV lamp; 6W 254nm AC dual-purpose UV lamp; 254nm short-wave UV filter; flexible mounting bracket for UV lamps; UV protective goggles; observation photography tripod; and protective gloves.

2、 Enter Digital Professional Enhanced (2W&3F)

In addition to the basic configuration, a dedicated digital imaging output interface is provided. The system can be customized with megapixel-level digital cameras according to customer requirements, along with high-resolution video glasses for observation connected to the cameras. Digital imaging memory cards and a computer card reader are included (with complimentary fingerprint measurement software and mold image processing software), facilitating rapid on-site extraction and wireless transmission to the fingerprint center for quick retrieval.

3、 Observation and photography all-around type (3W&5F)

The basic configuration is enhanced with a self-developed observation camera switcher, VP-SWITCHKI. This device utilizes the spatial observation camera mechanism, tailored to meet the specific requirements of ultraviolet observation photography. It effectively eliminates the blurring caused by motion in traditional flat-panel switches while reducing the high costs associated with importing specialized UV cameras. The result is an optimal performance-to-price ratio.



Coaxial Optical Camera

A 45-degree semi-transmissive and semi-reflective mirror converts horizontally incident light into vertically aligned coaxial light, enabling coaxial light photography of traces on smooth surfaces.

Equipped with multiple filters for color photography; includes a polarizer, analyzer, and polarized light filter for polarized light photography.

Equipped with bottom-transmitting light for transillumination photography.



Portable Police Full-Spectrum CCD Evidence Photography System

[Model:Mingbu-Lite1024]

Engineered for forensic science, this product features digital watermarking anti-tampering technology, making it the optimal choice for both field and laboratory applications.

Full real-time observation and photography without image lagging issues. Real-time observation ensures zero noise during device operation, with no mechanical shutter or clicking sounds.

Compact and lightweight, it requires no external desktop or laptop, no external monitor, and no external AC power supply, enabling complete independence for on-site use. The captured forensic photographs can be stored on an SD card. With strong environmental adaptability and broad applicability, it remains unaffected by condensation vapor during the plum rain season in the Jiangnan region, ensuring the integrity of forensic images.



Portable Paper-Based Handprint Rapid Display Imaging System

[Model:HW-PFII]

This patented system utilizes the infrared thermal radiation effect of sweat fingerprints to specifically display photographic paper and surface sweat marks. Widely applicable to copy paper, newspapers, magazines, tissue paper, roll paper, hand towels, filter paper, cardboard boxes, and paper containers, it enables non-destructive detection and photography of fiber surface sweat fingerprints. The portable system primarily consists of a paper infrared thermal radiation processor (with working surfaces 10mm larger than A4 paper dimensions), high-power laser flashlight (445nm wavelength, laser tube power ≥ 4000 mW), specialized observation goggles, dedicated photographic filters, and automatic focusing adapter ring. Featuring lightweight design (approximately 5kg) and compact dimensions (350×220×80mm), it is portable and suitcase-sized, making it highly suitable for on-site investigation applications. Key advantages include effective processing of paper-based sweat fingerprints.

Rapid: Instrument preheating (from room temperature to 180°C) requires 2-3 minutes. The infrared thermal radiation exposure time for paper is approximately 10 seconds per session, while thick paper requires about 2 minutes.

Simultaneous treatment of both paper surfaces: Infrared thermal radiation is applied to both sides of the paper simultaneously; **Non-destructive:** The treated paper exhibits no color change, contains no added substances, and does not affect traditional physicochemical properties.

The laser flashlight configured in this system can be used not only for revealing paper sweat handprints treated with infrared thermal radiation, but also for on-site searches to display precise fingerprints, urine and feces, sweat, saliva, bones, and sweat handprints revealed by indanone or indanone.





Site Inspection Box Accessories

1. Fingerprint and palmprint tape 2. Traffic mapping ruler 3. Magnetic fingerprint brush



指纹、掌纹胶带

磁性指纹刷

交通绘图尺

Ultrasonic Atomization Refers to the Palm Print and Footprint Analyzer

[Model:SOSENSE UFA-I]

High-viscosity materials are used to capture dust and blood traces, addressing issues such as limited dust extraction quantity, feature loss or distortion, and multi-factor interference from background noise in conventional extraction methods.

The automated high-sensitivity fuming and developing method was employed to enhance the contrast of adhesive impressions, revealing more details.

Footprints are recorded using scanning imaging techniques to address various human and mechanical interference issues present in conventional photography.

Instant paste extraction: Remove interference and extract all content without loss

Enhancement: High sensitivity increases contrast and clarity

High quality: Accurate reproduction of macro and micro characteristics, precise delineation of heavy and light pressure zones

High success rate: Automated and requires minimal operational skills

Long-term storage: The original samples are easy to preserve and can be stored for extended periods.



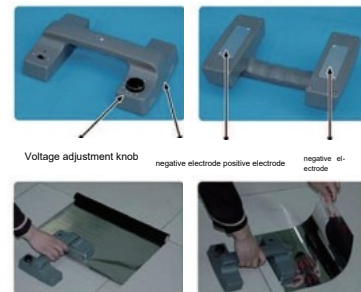
Electrostatic Adsorber

The output voltage of this instrument is adjustable between 14KV and 30KV. When the ground dust layer is relatively thick, a lower voltage should be selected; when the ground dust layer is relatively thin, a higher voltage should be selected. Hold the middle handle, with the front positive terminal contacting the electrostatic membrane and the rear negative terminal contacting the ground. Turn on the switch to charge the electrostatic membrane.

The large-sized handle ensures that the user's hand remains away from the electrodes, enhancing safety during use. An extended grounding cable is provided, which can be extended outside the room if the floor is insulated.

Both the positive and negative electrodes are large-area aluminum plates. The positive electrode maintains extensive contact with the electrostatic film without damaging the aluminum coating layer.

Dimensions: 250*170*50(mm)



Voltage adjustment knob

negative electrode positive electrode negative electrode

Extract trip traces

Extract single footprint

Echinococcus Trichosanthes Extract,DFO Fingerprinting Fumigation Cabinet

[Model:HWXG-II]

For sweat handprints on permeable surfaces treated with indigo dye solution, optimal visibility requires controlled humidity and temperature conditions. When using DFO solution, the best results are achieved at 100°C. This fumigation cabinet provides ideal temperature and humidity environment for processing sweat handprints on permeable materials with either indigo dye or DFO solution.

Power supply: 220V AC, 50Hz

Maximum power: less than 600W

Box dimensions: 655*430*325 (mm)

Exposure space: 530*380*300mm

Weight: 18kg



Microscopic Evidence Aspirator

This product is designed for collecting various microscopic evidence at crime scenes. It features a transparent evidence collection box with a front air inlet connected to the suction head of a vacuum cleaner and a rear exhaust port linked to the vacuum unit. The central section contains a mesh aluminum plate, with filter paper placed in front of it. When the vacuum cleaner is activated, microscopic evidence is drawn into the collection box through airflow via the suction head. While air passes through the filter paper, the particles remain trapped on the white surface. The transparent housing allows clear observation of collected evidence from the exterior. After collection, the box can be opened to pick up evidence using tweezers and transfer it to an evidence bottle, or the filter paper may be placed into an evidence bag.

Aluminum alloy housing dimensions:

455*295*175mm

Weight: 4kg



Mobile phone signal blocking device

Transmission frequency range:

850+0-5—900+5-0 MHz.;

1800+0-20—1900+20-20 MHz.

Transmit power: 30±3 dBm

Input voltage: 220V

Environmental temperature: -25 to +60°C

Relative humidity: 35-85%

Operating frequency bands:CDMA800, GSM900, DCS1800PHS Xiaolingtong.

Control range: Radius 0 m-20 m (up to 80 m in open areas)

Key Features: Equipped with industry-leading signal stabilization technology to ensure consistent shielding distance without attenuation. The aluminum body delivers superior heat dissipation. Featuring high-performance Hitachi surface-mount components, integrated circuits, and imported Harris main control chips with patented designs, all under proprietary intellectual property rights. With a product return rate of less than 1% and emission power below national standards, this eco-friendly product poses no health risks.

It only blocks downlink frequencies without affecting uplink frequencies, ensuring normal base station operation. The device's operating temperature is over 10°C lower than that of competing models.

Operating frequency bands: 869-894/925-960/1785-1880/1900-1990/2010-2170 MHz

Output power: 8W, range 0-40m (depending on the base station distance)

Product size: 260w*140d*55HMM

Weight: 2KG, 10 units per box

Power adapter:AC110-240V50/60HZ

The unique signal stabilization technology effectively resolves the industry-wide challenge of signal distortion caused by prolonged operation of shippers.



Mobile phone signal detector

Handheld mobile wireless detection device, simple and portable, allowing users to perform detection tasks at any specific location within the desired detection area as needed.

Equipped with a high-definition LCD display, the bar chart intuitively reflects detected mobile phone frequencies, signal strength, and signal attenuation levels, providing users with clear visualization of detection data. One-touch operation: All detection functions and menu selections are achieved through single-click operations, ensuring simplicity and ease of learning.

Dual antenna configuration:

Omnidirectional antennas can detect the use of prohibited mobile phones across the entire effective coverage area, displaying their frequency bands and signal strength; directional antennas assist users in adjusting their orientation based on the signal strength feedback from the screen, ultimately enabling precise localization of the area where prohibited phones are located.

Capable of detecting multiple mobile phone frequency bands, including existing GSM, CDMA, and 3G bands in China, with no blind spots.

You can choose alarm modes like sound or vibration, making the product adaptable to various working environments.

The laser can help the user to locate the location of the detected mobile phone accurately.

In a laboratory setting, it can effectively cover an area with a radius of 30 meters.

High-speed scanning: For mobile phones located within the effective detection area while in use, the device's precise positioning time does not exceed 20 seconds.

Detecting mobile phones in standby mode. When the detected phone is in standby mode, the device can still capture regular weak communication signals between the phone and satellite base stations, ultimately enabling positioning (this function requires a relatively long positioning time).



Police Vehicle Location Tracker

[Model:RD-DWY02]

The GPS TRACKER integrates GSM wireless communication technology with GPS Global Positioning System technology, featuring industrial-grade fire-resistant materials and six 18mm×3mm strong magnetic sensors. With an IPX-5 waterproof rating and a built-in 10000mAh high-capacity battery, it offers up to 100 days of extended standby time. The system enables remote target positioning and monitoring management via SMS and global positioning service platforms. Its installation-free design with powerful magnets ensures easy operation.

Charging voltage:DC 5V/1000mA (MICRO USB);

Built-in battery: 10000 mAh (3.7V);

Volume: 130*72*20(mm);



Forensic investigative equipment



4G Mobile Phone Positioning System

[Model: 4G-LTE]

system composition

The vehicle positioning host supports TDD-LTE with three frequency bands (Band 38/39/40) and FDD-LTE with two bands (Band 3), covering all frequency bands of 4G mobile phones. It also integrates handheld military devices that achieve precise positioning by receiving energy values transmitted from controlled target phones.

System features:

Based on the 4G base station system of WenYuan Communication, the device features high signal sensitivity and compatibility with all mainstream smartphones. Supports direct capture and positioning in 4G mode, as well as redirection to 2G/3G for positioning. The target remains unaware, and the capture efficiency is high. The positioning system employs a proprietary algorithm developed by WenYuan Communication, enabling long-range control and stable target tracking without loss after identification.

The standalone equipment, when paired with the positioning host, demonstrates significant directionality in field strength measurement, precise data accuracy, no jitter, continuous signal reporting (one report per second), and an ineffective direction probing distance of less than 5% for telecom-grade products. It exhibits industrial-grade stability, safety, and reliability.

main parameter :

Operating frequency bands: China Mobile's full 4G spectrum, and China Unicom/China Telecom's 4G spectrum (supporting China Mobile's TDD-LTE system at 1.9GHz, 2.6GHz, and 2.3GHz bands, including subsequent expanded frequency points; supporting China Unicom/China Telecom's Band3 and Band1).

Transmitting power: 20W (with a transmission efficiency of up to 30%)

Positioning accuracy: less than 2 meters

Coverage range: Over 150 meters (omni-directional antenna), over 400 meters (directional antenna), and -85 dBm in public network environments.

The open area can extend up to 400-900 meters, with the controlled building height exceeding 25 floors.

Reception sensitivity: -120dBm (higher than the current operator base station sensitivity)

Volume/Weight (vehicle-mounted positioning host): 52*40*12 cm / 15 kg

Volume/Weight (TDD-LTE passive single-soldier device): 20*25*10 cm / 1 kg

Continuous operation time: 4 hours for individual use (battery-powered), up to 10 hours with a power bank



Watch Secret Recorder

[Model:RD-MPSB06]

Infrared Night Vision Mobile Detection Waterproof Camera Watch (32GB) - Watch DV/Mini DV Compatible. This true HD camera watch features an HD 9712 lens with 10MP resolution, meeting true HD standards. Equipped with infrared imaging for low-light photography, it supports video recording, photo-taking, motion detection, and computer camera functionality.



Key Fob Camera

[Model:RD-MPYS01]

The new Audi car key features a 1:1 scale simulation: When opened, it comes with a protective casing that conceals the USB port and TF card slot from the inside. The key offers premium tactile feedback and maintains the same weight as an authentic one, supported by 1080P HD resolution. Equipped with a high-performance 850nm infrared emitter (the industry's best infrared light source with invisible red light emission), it ensures optimal camera capture in low-light conditions within 5 meters. The latest key camera mold design distinguishes this product from all previous car keys, delivering unparalleled concealment capabilities.



Eyeglass Recorder

[Model:RD-MPYJO]

This device features replaceable batteries and a flat-lighting mirror design, compatible with various lenses for distance vision, near vision, and sunglasses. It comes standard with 16GB memory and offers customizable options of 32GB or 64 GB memory as per customer requirements. The lithium battery provides up to 2 hours of continuous operation per charge. Ideal for law enforcement agencies including technical investigation units, criminal investigation teams, anti-drug units, public security departments, anti-smuggling units, public order maintenance teams, and urban management departments.



Camouflage cap

[Model:RD-SXM01]

Pixels: 2 million CMOS

Perspective: 65 degrees

Minimum illuminance: 1Lux

Operation method: Remote control

Notification method: Vibration

Storage card capacity: Supports up to 8 GB



Pen recorder

[Model:ML-RD-01]

Video resolution: 1280x720/640x480/352x288

Photo resolution: 1280×720

Built-in high-capacity storage: 2G/4G/8G available



Flashlight

Chip: 420 SONY CCD

Screen: 1.5 inch/2.0 inch

Memory card: 2GB/8GB



Battery capacity: Two 2200mAh lithium batteries

Duration of use: 6-12 hours

Functions: Photography, audio/video recording, illumination, infrared night vision

Advantages: Domestic market, timely supply, capable of simultaneous illumination and video recording, long service life, and wide adaptability range.

Scope of application: railways, power, public security, procuratorate, court, military and police, security

Photocamera Flashlight II

[Model:CY868]

Featuring innovative high-tech design with an integrated HD digital color lens (12MP resolution), full HD 1080P recording capability, and ultra-wide-angle optics, this professional explosion-proof and anti-theft camera flashlight combines photography, video recording, real-time GPS/GPRS positioning, and SOS alarm functions into a single device.

The wireless GPS intelligent inspection device features an integrated GPRS module, enabling real-time flashlight location tracking on smartphones, automatic alarm alerts to supervisors, and precise pinpointing of alarm locations.

The CMOS image sensor light-sensitive chip supports high-definition video recording up to 1080P/30fps, 12-megapixel static photography, and a 1.5-inch TFT display for instant file playback. In low-light conditions, it features adjustable flashlight and proximity lights with interchangeable modes, delivering both illumination and clear event documentation in dark environments.

The SOS one-touch alarm button emits a sharp, piercing sound to deter thieves or wild animals. It features a flashlight illumination function with excellent optical design, producing a soft and flawless light beam.

Equipped with a 12000mAh lithium battery, it features long lifespan, low self-discharge rate, and is both economical and environmentally friendly.

The outer shell is crafted from aerospace-grade aluminum through CNC precision machining, featuring a robust cylindrical wall with durable material for impact and explosion resistance.



Head-Mounted Integrated Recording System

[Model:RD-TSL-01/02/03/04]

The head-mounted recording system integrates digital HD video capture, photography, and audio recording capabilities. It enables law enforcement officers to promptly document crime scenes through seamless digital documentation of the entire enforcement process, providing authentic audiovisual evidence that serves as crucial support for case analysis, investigation, and prosecution. Featuring a discreet chest-mounted auxiliary infrared light design, it ensures clear imaging even in complete darkness. Integrated with a data management platform, the system supports hierarchical image classification and remote network upload functionality. This innovative solution stands as a powerful tool for law enforcement agencies to achieve operational informatization and standardized procedures.

characteristic

720P high-definition video and photography capture, reproducing live scene conditions with high clarity; four-button remote control operation for user-friendly and convenient one-touch control of recording/video-taking/audio recording/stop functions.

Hidden camera design adaptable to all law enforcement evidence collection requirements; Head-mounted design synchronized with human eye movement for shooting; Wide-angle lens design providing extensive coverage without distortion; High-capacity imported replaceable lithium battery design ensuring extended operational duration; Utilizes 1600mAh large-capacity polymer lithium battery with standby time up to 12 hours and battery life exceeding 4 hours.

The large-capacity storage design supports all-day recording. With built-in 16GB flash storage and up to 64GB total capacity, the video recordings can be adjusted via dedicated software to meet continuous recording needs.



Forensic investigative equipment



Portable High-Speed Reconnaissance Bag

[Model:MPB-RD]
 Portable covert surveillance kit device: features built-in anti-inspection design;
 Color camera: Broadcast-grade camera with 1/3,650 line resolution or higher;
 Black-and-white camera: 1/3,650 lines or above;
 High-sensitivity professional microphone;
 The package includes built-in storage devices for playback;
 20m remote control operation with vibration alert;
 Built-in 6800mA lithium battery;
 Equipped with a 2.5-inch LCD screen;
 Cameras: Dual-head (one color and one black dual-camera setup)
 Single-headed (monochromatic or monochromatic black);
 The video recorder features officer identification number management and password-protected file deletion prevention.
 Imaging device: 1/3 inch;
 Pixels: 752*582 or higher;
 Light-sensitive area: no less than 4.9*3.7 mm;
 Horizontal resolution: above 650 lines.



AR Smart Cloud Mirror

The "Smart Cloud Mirror" is a high-tech wearable product, supported by public security big data and customized for police officers using advanced AR technology. When officers wear the "Cloud Mirror," they can rapidly identify residents, perform facial recognition, license plate recognition, law enforcement recording, and monitor command operations.

Processor:Cortex-M4
 Sensors: 8-megapixel zoom camera, dual microphone array, 1 nine-axis sensor, 1 ambient light sensor, 1 proximity sensor
 Optical design: Arrayed light waveguide with 40° field of view and 85% light transmittance
 Micro-display: LCoS display technology, 720P resolution, 60Hz refresh rate, 480 nits eye-level brightness



Anti-Abduction Capture Package

GPS Real-Time Tracking: The device features a built-in professional GPS module and a 10,000mAh high-capacity lithium battery, providing up to 100 days of extended battery life. It enables remote target location and monitoring via SMS and global positioning services, with real-time tracking capabilities. Image Evidence Collection: Equipped with dual high-definition image transmission modules, it allows covert evidence collection of the surrounding environment and suspects. Voice Monitoring: The device includes a professional voice monitoring module that can be activated as needed to intercept target communications.
 Hidden evidence collection function: The device surface is coated with a professional invisible substance (invisible to the naked eye). When the suspect takes the ransom, the invisible substance remains on the contact areas, which can be identified and authenticated.



Helmet Type High Order Single Soldier Communication System

This specialized equipment is designed for single-user portable surveillance applications targeting armed police, special forces, mobile law enforcement evidence collection, and administrative supervision scenarios. Equipped with high-speed processors and embedded Linux operating system, it integrates HD video/audio capture, 4G/Wi-Fi wireless communication modules, GPS/Beidou navigation systems, storage solutions, and alarm functions, along with configurable miniature HD cameras and audio headsets. The device enables real-time audiovisual data transmission via 4G/Wi-Fi networks and voice intercom capabilities. When integrated with a comprehensive monitoring and command platform system, it facilitates remote deployment and coordination of mobile personnel in outdoor environments.

Product Features: Supports USB HD camera, allows network HD camera input and pan-tilt rotation control, with built-in 3G connectivity Or 4G, supporting wireless transmission, allowing access to the platform for centralized monitoring; unique AP hotspot (wifi technology, mobile phone You can connect directly to the device via Wi-Fi to view live footage captured on-site in real time, and replay recordings from the device's memory card. With images; supports dual-stream transmission, one stream for local HD storage and the other for network transmission; built-in high-sensitivity Positioning module, capable of accurately locating device information and uploading it to the monitoring center; supports two-way voice intercom between the backend and devices; supports
 One-touch alarm with a button, which triggers manual alarm and uploads directly to the platform; supports one-touch capture with the device button.
 Video recording; supports TF card storage with maximum capacity of 32GB; equipped with high-capacity lithium battery for continuous operation when the camera is activated only
 No less than 4 hours; dedicated surveillance platform software equipped with video monitoring, voice intercom, alarm reception and map positioning capabilities.
 Data storage and other features; supports remote viewing via mobile devices, compatible with Android and iOS; maximum local recording resolution: 1080*720; Maximum wireless transmission resolution: 1080*720;
 Supports external network PTZ cameras with pan-tilt rotation control and zoom functionality.



VIII. Drone Applications

Unmanned Aircraft

[Model: A700]

Unmanned aircraft controller

1. Drone Host

1 set of frame: an integrally molded carbon fiber composite frame with symmetrical motor and a wheelbase of 1268mm, featuring detachable arm assembly.

Six motor groups: high-efficiency brushless motors 6210210KV;

6 propellers: 24-inch carbon fiber propellers;

6-speed brushless motor controller: industrial-grade brushless motor with continuous 50A output, maximum 75A for at least 10 seconds.

1 flight controller: featuring route planning and fully autonomous flight capabilities.

1 satellite positioning system: GPS/GLONASS positioning with dual GPS redundancy design, achieving positioning accuracy of $\pm 10\text{cm}$.

1 remote control: 16 channels, supports S BUS, customizable function switches, and has a control range exceeding 5KM.

Dual 6S 2P 22000mAh batteries with dual redundancy design

1 PTZ head: Industrial-grade three-axis PTZ system with image stabilization accuracy exceeding 0.1° and 360° yaw rotation capability.

1 camera: 18x or 30x optical zoom, 1080P full HD recording, and HDMI full HD output support.

1 ground station: Industrial-grade ruggedized computer for ground stations, pre-installed flight control and mission data processing software, with an 8-hour continuous operating time and IP65-rated protection standard.

1. Serial communication: Data transmission range $> 10\text{KM}$ with low latency and stable data transmission.

1 video transmission: 1080P full HD video transmission with latency under 300ms and transmission range exceeding 10km.

1 monitor: High-brightness HD 1080P display with crystal-clear visibility even in bright light.



Unmanned Aerial Vehicle-Based Visible Light Gimbal

II. Mission Payload System

1. An airborne visible-light gimbal camera (18x magnification, 4 million pixels);

Features: Supports dual video streams for simultaneous storage and real-time output; features auto and manual focus control.

Supports remote control for taking photos, recording videos, and zooming;

Supports HDMI and AV output, with 1080P video recording capability. Features a three-axis stabilization system and a high-torque, long-lasting brushless motor.



Unmanned Aerial Vehicle-Borne Infrared Thermal Imaging Gimbal

III. Airborne Infrared Thermal Imaging Gimbal(GSIR-384A/GSIR-640A)

Thermal imaging: Optical system focus-manual/electrical, supports electric lens and autofocus;

Digital zoom: 2X,4X;

Detector: Uncooled focal plane, 640×480 pixels;

Standard lens spatial resolution: 0.68 mrad;

Composite video: NTSC/PAL composite video;

Palettes: White Heat, Black Heat, Iron Red, Rainbow, etc. (10 types in total)

Mount type: Three-axis stabilization with high-torque, long-life brushless motor;

Zoom infrared gimbal: 1180g.





Drone Address Device

IV. Loudspeaker Device

Internal magnetic speaker, effectively preventing interference with aircraft geomagnetism. Wireless digital signal transmission and reception, ensuring high sound clarity without noise.

Supports real-time voice calls and SD card voice playback, with flexible switching anytime.

The voice quality is clear and resonant, with a mellow police-toned bass and strong penetration, achieving an measured sound level of 80 decibels at 100 meters.

Supports high-capacity SD cards and enables remote switching of multiple broadcast channels.

The handheld transmitter is compact and lightweight, offering convenient operation.



Drone Drop Device

V. Casting Device

Supports remote control for deployment and intelligent fixed-point delivery of aircraft. Multiple different delivery materials can be mounted simultaneously for sequential deployment.

The metal digital servo system features rapid response speed, sufficient torque, minimal vibration, and stable loading capacity for 3-5KG heavy loads. Equipped with FPV video surveillance cameras and real-time image transmission, enabling more precise manual deployment. Supports airdrop of objects such as first aid kits, lifebuoys, and packages. Capable of single-point and multi-point deployment, with multi-point deployment supporting GPS-targeted airdrop. Can carry no fewer than 3 payloads simultaneously and set up three different locations for sequential deployment.



Drone Searchlight

VI. Searchlight Device

Brightness and Range: Featuring a high-brightness LED lens design with over 3000 lumens, delivering a 300-meter range.

Searchlight mode: no fewer than five types, including low light/high light/flash and other five light source adjustments; The lamp body is made of aviation aluminum alloy.

Control angle: Features pitch angle control within 35° to 135° range, with support for ground station software control.

Quick assembly/disassembly: Features a unified interface for rapid mounting and dismounting from the chassis, including mounting structures <500.



Digital Image Transmission for Drones

7. Digital Image Transmission

Airborne transmitter: Operating frequency range: 300MHz to 900MHz, with customizable frequency options.

Modulation method: COFDM mode with transmission range (standard power of 1W);

Maximum distance: ≥10 km (1080P/5 fps video format);

Audio and video input: digital HDMI, 3GHD-SDI (optional);

Image resolution: 1080P@60/50/30, compatible with 720P@60/50

Ground receiving end: Operating frequency range is 300MHz-900MHz (can be automatically searched or manually set);

Porting method: COFDM mode;

Supported mobile speed: 230 km/h;

Working bandwidth: 6/8 MHz;

Radio frequency interface: dual SMA 50-ohm antenna interface;

Reception sensitivity: -98dBm;

Output interfaces: HDMI+AV+ USB (supporting 1080P video recording and playback);

Parameter settings: infrared controller or custom button; output video resolution:

1920×1080P@60Hz/1280×720P。



Unmanned Aerial Vehicle Integrated Ground Station

8. Integrated Three-Defense Ground Station

Safety Management: The ground station software supports checklist self-inspection and anomaly alarm functions, with automatic self-inspection record preservation to facilitate flight safety requirement management.

Easy operation: One-click unlock, one-click auto-fly, one-click hover, and one-click return

Real-time data: Displays drone parameters including altitude, latitude/longitude, flight speed, flight mode, distance from takeoff point, battery level, satellite signal strength, wind speed, and temperature/humidity in real-time. Error alerts: Features prominent error notifications with operation log recording and query capabilities. Flight path maintenance: Ensures stable autonomous flight along predefined trajectories with specified waypoints.

Autonomous Route Planning: The flight path can be configured in ground station software, with unlimited number of waypoints recorded during setup.





Unmanned Aircraft Extended Function

IX. Extended Functions

4G video transmission system: ① Supports dual video input options: HDMI HD and IP HD; ② Features 3G/4G connectivity mode; ③ Allows flexible control of 3G data usage through manual settings or SMS notifications.

External antennas outperform internal ones in maintaining signal strength and ensuring real-time video transmission at 25fps.

Configuration and Upgrade: Supports local LAN configuration and remote configuration via backend platform software.

Other features: Includes LED indicator lights:

Power supply, storage, and 4G network connection pilot lamp ;

Backend platform: Supports integration with large networks

Integrated video service platform software.



Landing Drone

Dimensions: 290 mm in length, 290 mm in width, and 203 mm in height

Total weight: 1170g (with LED light assembly)

Flight altitude: 50m (optimal illumination altitude: 20–30m)

Wind resistance rating: Level 7 (maximum wind speed: 17.2 m/s)

Connection mode: Radio

Operating method: Remote control + control platform

Power supply mode: built-in lithium battery pack, backup lithium battery pack, mains power, and generator.
Normal operating environment temperature:

-30°C-60°C

Power: 400W/600W (4 LEDs light)



Lingsun ZT-21V and Lingsun ZT-39V electric composite-wing drones

The Lingsun ZT-21V is a quadrotor fixed-wing hybrid configuration lithium-ion battery-powered drone featuring a large aspect ratio upper single wing, inverted V-shaped tail fin, dual tail supports, and rear-mounted propeller layout. With its low structural weight and payload capacity reaching up to 5kg, the aircraft boasts a lift-to-drag ratio exceeding 10. Combined with high-energy-density batteries, it achieves advanced maximum flight duration among drones of the same class and type.

A versatile long-distance HD video transmission all-in-one device with multi-data link support and flexible expansion capabilities: Equipped with optional ZTV10 visual positioning module, it can autonomously take off and land even in GPS-signal-depressed environments such as mountainous terrain or building complexes.

The ground terminal system consists of ground base stations, PC ground stations, and pod touch terminals, featuring a user-friendly interactive interface. The innovative pod touch terminal is simple to operate, comprehensive in functionality, and allows users to lock onto, focus on, and track targets by simply tapping on the screen.



ZT-30V long-endurance vertical take-off drone

Wingspan: 3.4 meters

Captain: 2.1M

Battery life: 6H

Cruising speed: 90 km/h

Maximum takeoff weight: 22KG

Takeoff and landing mode: Vertical takeoff and landing

Effective payload: 2.5KG

Wind resistance: Level 6

Maximum altitude: 3500 meters

Maximum speed: 110 km/h

Airborne AI Brain: Automatic vehicle and personnel recognition, detection, and tracking; software with regular updates; supports regional personnel density detection and alarm functions, as well as road and river monitoring and segmentation capabilities.



MAVIC PRO

Dimensions: 83x83x198mm(Height x Width x Length)

Wheelbase: 335mm

Weight (including battery and propeller): 734g (without gimbal protective cover) / 743g (with gimbal protective cover)

Maximum ascent speed (flight mode): 5 m/s

Maximum deceleration rate: 3 m/s

Maximum level flight speed: 65 km/h (Sports mode, windless near sea level)

Maximum takeoff altitude: 5000m

Maximum flight duration: 30 minutes (steady-state flight at 25 km/h in windless conditions)

Maximum hovering time: 27 minutes (windless environment)

Maximum range: 15 km (windless conditions)

Working environment temperature: 0°C to 40°C

Satellite positioning module:GPS/GLONASS dual-mode

Visual system: Anterior visual system/Posterior visual system

Obstacle detection range (precision ranging range): 0.7 to 15 meters

Real-time video transmission: 720p@30fps, 1080p@30fps

Delay: 160ms-170ms (affected by shooting environment and mobile device performance)

Image sensor: 1/2.3-inch CMOS; effective pixels 12.35 million (total pixels 12.71 million)

Lens:FOV78.8°26mm (35mm equivalent)f/2.2

Focus range: 0.5m to infinity; distortion <1.5%





Position Defense UAV Interference Interceptor

[Model:RD-LJXT-UAV]
 Frequency range: 0.8GHz/2.4GHz/5.8GHz
 Transmit power: 40 W
 Interception range: 1000 meters
 Interception angle: 120°
 Power supply duration: 120 minutes or AC220V
 Power supply method: lithium battery or alternating current (AC)
 Product dimensions: 690*230*250mm
 Product weight: 11kg
 Product Features: Camouflage-style/Combination Lockdown System



Multi-band Electronic Jamming Equipment for Electronic Lockdown (Integrated Bomb Disposal/Jamming System)

[Model:RD-PJANT-X]
 Frequency range: Full band
 Transmit power: 200W
 Interception range: 1000 meters for drones, 50 meters for ground explosives, and 100 meters for aerial explosives.
 Interception angle: Horizontal and vertical 60°/360°
 Power supply duration: 60 minutes for drones / 30 minutes for bomb disposal
 Power supply method: Lithium battery
 Product dimensions: 498*356*220mm/490*228*105mm
 Product weight: 14kg
 Product Features: Integrated/Portable Bomb Disposal and Interference System



Vehicle-Mounted UAV Interception System

[Model:RD-CJXT-01]
 Frequency range: 400MHz-5800MHz
 Transmit power: 150W
 Interception range: 3000 meters in the specified direction and 1500 meters in all directions. Interception angles: 360° horizontal, 60° elevation, and 20° bank.
 Power supply duration: —
 Power supply method: Generator or battery pack
 Product dimensions: 550*550*450mm
 Product weight: 35kg
 Product Features: Vehicle-mounted mobile electromagnetic containment system



Unmanned aerial vehicle control electromagnetic containment (electromagnetic fence)

[Model:RD-DCWL-SLI]
 Frequency range: 400MHz-5800MHz
 Output power: 100W
 Interception range: 3000 meters in directional mode and 1500 meters in omnidirectional mode
 Interception angle: Horizontal 360°, Upward 60°, Downward 20°
 Power supply duration: 7*24h unattended
 Power supply: AC220V or DC12V
 Product dimensions: 555*555*441mm
 Product weight: 33kg
 Product Features: Fixed Electromagnetic Sealing Device



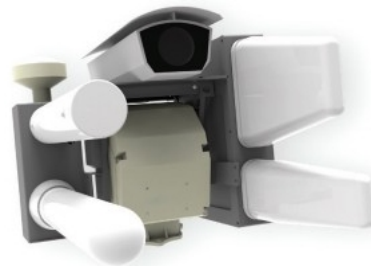
Unmanned Aerial Vehicle Omnidirectional Interception System

[Model:RD-GRY-01]
 Frequency range: 400MHz-5800MHz
 Transmit power: 120W
 Interception range: omnidirectional radius of 1500 meters
 Interception angle: Horizontal 360°, Upward 60°, Downward 20°
 Power supply duration: 1 hour
 Power supply method: Built-in high-capacity lithium battery
 Product dimensions: 630*500*300mm
 Product weight: 35kg
 Product Features: Portable mobile electromagnetic sealing device



BAT-Jammer-D Directional jammer

The system achieves automatic target tracking by capturing images for recognition. Upon target identification, it triggers alert notifications and automatically activates jamming devices. Utilizing electromagnetic suppression technology, it disrupts the target drone, compelling it to hover in place, land, or return via the original route. The entire system features modular design with independent operation across frequency bands controlled by a software platform. Equipped with built-in GPS functionality, it facilitates seamless network deployment.



Single Soldier Portable UAV Countermeasure Equipment

[Model:RD-MIC-X1]
 Frequency range: 1570-1587/2394-2496/5717-5844/896.5-930 MHz
 Transmission power: 30W
 Interception distance: ≥500m
 Interception angle: ≥40° for horizontal plane, ≥40° for vertical plane
 Power supply duration: Standby ≥8h
 Power supply: AC220V
 Product size: 300*230mm*61mm
 Product weight: ≤1.27kg
 Product features: Compact size, lightweight design, and easy portability



Single Soldier Anti-Drone Interception System

RJXT-SD02
 Control distance: 1000m;
 Main unit dimensions: 76*20*26 cm;
 Battery life: 60 min;
 Trigger lifespan: 100,000 cycles;
 Control mode: The one-touch function key allows the drone to land in place or return to the starting point.
 Main body weight: ≤4kg;
 Operating temperature: -35°C to +50°C;
 Controlled objects: Drones and related equipment systems that are operated via remote controllers, navigated through devices such as GPS/Beidou/Galileo/Glonass, and transmit commands via 2.4G and 5.8G frequency bands.





IX. Traffic Management Equipment

police whistle I

[Model:JD-RD01]Material: Metal



police whistle II

[Model: JD-RD02] Material: Eco-friendly plastic



Electronic whistle

[Model:RD-DZKS01][Model:RD-DZKS02]

Key Features: When deployed in traffic enforcement, this product enables the loud whistle to "directly target" specified directions, significantly enhancing officers' efficiency in directing traffic and correcting violations. Traditional whistles require prolonged use, which may lead to bacterial growth, whereas electronic whistles are user-friendly and conserve energy without requiring mouth breathing. Particularly during smoggy weather or in high-altitude cold regions, this product effectively addresses the challenge of officers being unable to whistle while wearing masks.
Scope of application: Traffic police, military training, traffic control and command, competitive events, emergency positioning devices (e.g., for earthquakes or building collapses), and accidental distress calls.

Technical Parameters/Accessories

Weight ≤45 grams (excluding battery)

Volume: 130 decibels

Material: Metal frame

Accessories: Hanging rope, battery



Shoulder lights (double row)

[Model:JD-RD]

External dimensions: 78*35*31 (mm)

Weight: 50g

Working hours: Over 18 hours for single-sided work, over 9 hours for double-sided work

Rated voltage: 3.8V

Maximum pulse current: 85mA

Water and dust resistance rating: IP54

Flash frequency: 6Hz

Function: Features four modes including front flash, rear flash, simultaneous front-rear flashing, and illumination.

Inspection Number: Gonghu Jian No.167925 (2016)



Shoulder lamp (gravity sensing)

Charging voltage: DC5V

Lithium battery: 3.7V

Operating environment: -30℃~50℃

Flicker mode: strobe, direct light

Light source type: High-brightness LED

Visible range: 500 meters

Water resistance rating: Grade 4

Weight: 53g

Installation method: clip-on



Working time: ≥8 hours on a single charge

Function mode: Vertical LED lights flash upward, horizontal LED lights flash horizontally, and the flashlight illuminates.

Features: Compact design, lighter than a lighter, easy to carry, long-lasting, and enhanced safety with superior warning capabilities.

Shoulder lamp (single row)

[Model:RD-JD05]

Rated voltage: 4.0V; Flash frequency: 6Hz;

Maximum pulse current: 80mA;

Maximum operating time per charge: ≥ 20H;

Operating mode: Stroboscopic lighting;

Flash colors: red, blue;

Visible range: 500 meters;

Installation method: Metal clip fastener;

Operating environment: -30℃ to 50℃;

External dimensions: 70*47*39 (mm);

Weight: 0.1 kg



360° Flashing Warning Light Group

Warning coverage: 360° full-angle warning to ensure no blind spots during night duty;
 Safety and portability: Weighing ≤50g, worn around the police cap for a lightweight and unobtrusive fit.
 Dual-color flashing: Red and blue dual-color flashing with prominent warning effect;
 Scope of application: Adjustable length, suitable for various duty industries;
 Multi-frequency adjustable: three flashing frequencies (3Hz, 5Hz, 8Hz) with adjustable warning intensity;
 Protection rating: IP65 for dust and rain resistance, suitable for various harsh weather conditions.
 Exceptionally long lifespan: High-brightness LED chips designed to last 3-5 years of use.
 Durable and robust: The drop registration reaches 2 meters to prevent damage from falls;
 Temperature environment: Operating temperature-20°C to 55°C, operating humidity 0% to 95% RH
 Flexible charging: Supports up to 8 hours of continuous operation with USB charging, ready for instant use.



Flashing road barrier warning light

[Model:JTJSD-RD]

Consisting of road traffic hazard warning lights, brackets, and deployment boxes, it features dual-layer LED light tubes in red and blue for synchronized flashing, with alternating red and blue dual-flash patterns to enable multiple police alert modes. Utilizing ultra-high-brightness LED beads, it forms cylindrical light sources.

The lamp tube is made of special PC light-transmitting material.

Mass: 1.32 kg

Lamp body dimensions: 300*129 (mm)

Single-layer lamp tube (luminous part) dimensions: 129*74 (mm)

Bracket folding height: 550mm; Maximum opening height: 1640mm

Accessories: 1 220V mains power charging adapter and 1 car charging adapter

Warning distance: Red and blue lights alternate and flash at a distance of 500 meters.

Implementation standards: GA/T414-2003 Road Traffic Warning Lights and Q/RD55-2018 Road Traffic Warning Lights



Flicker Warning Light

[Model:RD-JD116]

This product employs high-quality strobe light tubes as the light source! Features high brightness and advanced warning effects! Powered by 12V/24V vehicle power supply with a strong magnetic base for enhanced suction! Suitable for various emergency rescue vehicles and disaster response vehicles. Product light source: U-shaped tube strobe light.

Product power: 5W

Input voltage: DC12V (or custom DC24V)

Power supply method: Vehicle plug-in

Product size: 128mm

Product diameter: 116 mm.

Installation method: Magnetic attachment (or custom screw fixation type). Available colors include all-red, red-blue, all-yellow, and all-blue; waterproof cover design; equipped with magnets for roof attachment; ready to use upon plugging the cigarette lighter.



Emergency Alarm Light at Accident Site

[Model:SGBJD-1]

The portable high-speed guardrail-mounted LED warning light is primarily used for command and management in various scenarios including highway traffic information alerts, engineering emergency response, on-site accident investigation, disaster prevention, personnel evacuation, traffic police duty, and emergency response to sudden incidents. Weight: 9kg

Alarm power: 150W

LED life: 100000h

Warning light: red and blue base colors, LED frequency
 Flash, power ≤10W, range 400

Meters, with a lifespan of 80,000 hours



Multi-Functional Safety Warning Light

The product's lighting system comprises three components: a head-mounted high-intensity flashlight with a 100-meter illumination range, a hemispherical red warning light, and a cylindrical white light source. The white cylindrical light, composed of ultra-bright white LEDs, is diffused by a light-diffusing white tube to create a daylight-like beam that illuminates a 10-meter diameter area. The sound system features a 4 Ω 2W ultra-thin speaker with pre-recorded sirens and voice alarms, capable of delivering over 100dB volume as needed. The synchronized audio-visual effect significantly enhances the deterrent impact of the alarm.

Overall dimensions: φ (35mm~41mm) × 158mm (178mm with strong magnetic base);

Light tube: φ 40*35mm;

Weight: 200g;

Light source: The head-mounted high-intensity flashlight utilizes Creepe3w LED chips with a illumination range exceeding 100 meters. Each bulb contains a single LED with a luminous flux>13,000 mcd, providing a visible light distance of over 1,000 meters. The LED light source has a lifespan exceeding 50,000 hours.

Speaker: 4 Ω 2W premium ultra-thin model with maximum output of 110dB.

Power supply: 3.7V,3000mAh

Lithium-ion battery, charging time: 3 hours;





Traffic Light Command Stick

The product emits a dazzling yet non-glare red light from a lamp tube coated with a red enhancement film. It features both flashing and continuous illumination capabilities, with a visible range exceeding 500 meters. The head-mounted ultra-bright LED emits white light, facilitating nighttime vehicle inspections and document verification. The sound system consists of a 4 Ω 2W speaker installed at the lamp's head, delivering pre-recorded alarm sounds and voice warnings such as "Red light: No passage. Please comply with traffic rules!" and "Please pull over for inspection!" The volume can exceed 110dB, and the combination of audio and visual effects creates a potent deterrent and warning effect.

Overall dimensions: Ø (37-41) * 338mm

Tube body handle Ø 37*128(mm), Light tube ø 40*160(mm)

Weight: 400g

Light source: Head-mounted LED white light utilizes ultra-bright LED chips to adequately illuminate the examination area. The lamp tube contains individual LEDs with a luminous flux exceeding 13,000 mcd, ensuring optimal visibility distance.

The product features a 500-meter range and an LED light source with a lifespan exceeding 50,000 hours.

Power supply: Lithium-ion battery with ≥12-hour continuous operation on full charge. Charging adapter: 5V/1A, charging time 4 hours, equipped with 5V/1A vehicle charger. Speaker: 4 Ω/2W, maximum volume 110dB.



LED Red and Blue Pointer

Product dimensions: Total length 260mm, Tail width diameter 40mm

Product weight: 95g (excluding battery)

Material: AS tube body, ABS handle

Switching mode: Four-stage switch (one green light on, one red light on, one alternating, one off)

Bottom: Super-strong magnet

Use bulbs: 10 single 5mm LEDs

Usage time: 12 hours (alkaline battery) or longer

Product Accessories: Customized Portable Hook and Extra-long Hanging Rope



New Chargeable Red and Blue Command Rod

technical parameter :

The product consists of a hexagonal attack helmet, lighting unit, handle, battery, magnetic suction tail cover, and hanging rope. The handle section is made of aerospace-grade aluminum, while the light-emitting tube section is constructed from PC. Weight: 421.5g

Dimensions: Length 483.2 mm, Outer diameter of the luminescent part 31.5 mm

Operating modes: Features four working modes including red-blue slow flash, red-blue fast flash, white light high-intensity, and white light low-intensity.

Visible range: At 500m distance from the product under 10-4 lux conditions, both slow red-blue flashes and fast red-blue flashes can be observed when the product is activated.

Working hours: Red and blue slow flash mode: 10h

Red and blue flash mode: 15h

White light high-intensity mode: 5h

White light low-light mode: 10

hours. Implementation standard: Q/RD39-2018

Traffic Command Stick

★This product provides test reports issued by the Testing and Experiment Center of China Ordnance Equipment Research Institute and the China Ordnance Equipment Special Product Quality Supervision and Inspection Center.

★Inspection Number: Bing Jian Zi (2018) No.0495

LED Rechargeable Command Stick

Operating voltage: 3.6V

Dimensions: Length 550mm, Handle diameter 38mm

LED: 8 high-brightness, eco-friendly, energy-saving LED lights

Power consumption: ≤150mA



Handheld vocal conductor

[Model:RD-ZHB003]Sp-

Specifications: 290*35(mm)

Material: Lamp body PC, Handle ABS

product function :

1、 First button press 1: Red light flashing; Second

Button 1: The red light stays on;

Third button 1: White light illumination;

Fourth button 1: Turn off;

2、 Button 2: High-decibel whistle;

3、 Additional: Rechargeable





Intelligent disinfection fan

technical parameter :

Battery type: Power lithium battery

Noise: <50dB

Voltage: 3.6 V

Battery capacity: 3.6/4000mAh

Dimensions:L115*W45*H86mm

Colors: black, pink, white, blue

Weight: 230g

Battery charging limit voltage: 4.2V

Operating temperature: -5℃ to +55℃

Charging time: 2.5 hours

Product features:

Safety: The innovative bladeless design ensures safe operation, while the new turbine fan delivers quiet and high-efficiency performance.

Multifunctional: The police multifunctional portable cooling device integrates lighting, mosquito repellent, and air blowing functions.

Battery life: Equipped with advanced lithium-ion batteries, it offers extended endurance and rapid charging capabilities.

Applicability: Versatile for multiple uses, including handheld and waist-worn configurations.

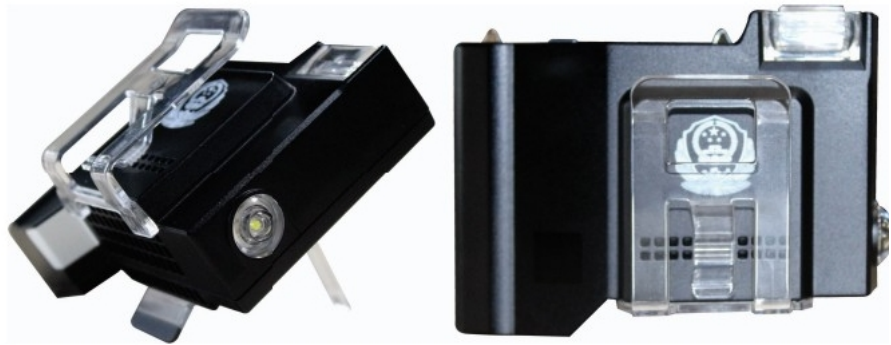
Ultraviolet sterilization method: The working principle involves irradiating microbial surfaces with ultraviolet light, which acts on the DNA of microorganisms to disrupt DNA structure, thereby achieving sterilization and disinfection.

Chemical reagent sterilization method: 84 disinfectant solution is generally used, which exhibits highly reactive chemical properties and possesses strong oxidizing power to achieve bactericidal and sterilizing effects.

Plasma sterilization method: This technique utilizes an ion generator to release positive and negative electrons, which generate substantial energy through anion-positron annihilation, thereby disrupting bacterial envelopes and killing cell nuclei. Plasma sterilization demonstrates exceptional disinfection efficacy with short treatment duration, achieving a bacterial eradication rate of over 99% against airborne pathogens within 30 minutes.

Product features:

1. Multifunctional: Features include strong wind cooling, lighting, SOS signaling, mosquito repellent, and sterilization (which is highly beneficial for current epidemic prevention and control efforts).
2. Exceptionally long lifespan with a 10-year warranty on the entire unit.
3. Equipped with Japanese industrial-grade motors, it can operate continuously for 100,000 hours. The battery utilizes LG's power lithium-ion battery (the same model used in Tesla vehicles), with a material composition of PC+ABS.
4. With a maximum wind pressure of 400Pa and a top speed of 6800 rpm, this fan delivers eight times the performance of comparable models.
5. The sterilization function can generate a plasma gas curtain around the human body, effectively isolating various pathogenic microorganisms.
6. Wind speed: There are 4 speed settings, each with corresponding colors. The lowest setting can operate for 12 hours; the second setting for 10 hours; the third setting for 5 hours; and the fourth setting for 3 hours.



Portable Acoustic and Optical Alarm I

Shrinkage dimensions: 560*320*280 (mm);

Dimensions: 1250*320*280 (mm);

Product weight: 14.5 kg;

Power supply duration: The built-in rechargeable lithium battery provides 8-10 hours of operation.

Visibility range: LED strobe warning light visible from 800 to 1000 meters

Control method: Wireless remote control of alarm devices and light control switches. The portable on-site audio-visual alarm system is



Portable Acoustic and Optical Alarm Device 'II

primarily used for command and management in highway traffic information alerts, engineering emergency response, accident investigation at the scene, disaster prevention, personnel evacuation, traffic police operations, and emergency response scenarios.

Product Features: Flexibility: Lightweight and foldable design for easy vehicle transportation and handheld carrying, ensuring convenient and rapid handling. Compact storage: Equipped with a built-in stand, it can be directly hung on high-speed guardrails upon opening, and quickly folded for storage when not in use. Easy maintenance: Centralized storage and unified maintenance procedures. Applicability: Suitable for various applications.

Wide applicability: Can be installed for use on vehicles or mounted on highway guardrails.

Function description:

On-site accident warning: The warning light flashes intermittently while simultaneously emitting an alarm sound to alert passing vehicles and pedestrians.

Traffic guidance: When traffic accidents or congestion occur, on-site display instructions are implemented to organize and orderly direct vehicle movement, thereby clearing roadways.





Portable LED Traffic Guidance Display Screen

Traffic sign is usually composed of display screen, triangle bracket, fastener, equipment box, remote control, etc.

Display screen dimensions: 690*350*60 (mm);

Handbag dimensions: 730*550*130 (mm);

Product weight: (double-layer) screen panel 12.5kg / suitcase 3.5kg;

Power supply duration: The built-in rechargeable lithium battery provides continuous operation for 8-10 hours.

Visibility range: The LED strobe warning light is visible up to 500 meters, while the display screen's text information remains visible at 300 meters. The system supports selecting over 100 preloaded messages.

Control method: USB flash drive storage, SMS control optional, and wireless remote information control available.



Solar-powered warning light

Shell volume: 520*165*135 (mm)

Solar panel area: 290*270 (mm)

Base: Compatible with adjustable height-adjustable triangular bracket

Operating voltage: 12V

Battery: 7AH

Solar panel power: 10W

Warning distance:>1000m. Can operate continuously for over 150 hours in cloudy or rainy conditions without light.



New type of sign

Dimensions: 100*100 (cm);

Tripod width: 90 cm

Bagging specifications: 100*25*16 (cm);

Dry battery: 12V/2200MAHO

LED: 100,000 hours, red, blue, and white

Visible range: 500-600 meters

Battery storage duration: Continuous operation for over 240 hours

Charging method: Vehicle cigarette lighter charging or mains power charging

Reflective material: PVC lattice, high-brightness LED

Performance: LED active warning system, foldable for easy portability, with outstanding adverse weather alert performance and a visible range of 400-1000 meters.



Extensible Emergency Inspection Warning Sign

Dimensions: Folded: 780*380*12 (mm) (length*width*height) Flat: 780*380*1350 (mm) (length*width*height) Standing on the ground (including warning light height)

Signboard text content: Parking inspection, traffic control, upcoming accidents, no overtaking, etc. (Customizable according to client requirements). Reflective night vision range:>26m

Wind resistance performance: Reflective surface with matrix perforated windproof design. The temporary inspection warning sign can be deployed and placed in areas capable of withstanding winds up to 17 m/s.

Waterproof rating of warning light: IP65

Weight: 10kg (including the weight of the warning light)

Auxiliary warning light: 315mm long * 8 0mm wide * 4 5 mm thick

Material: Aluminum profile lamp base + Polycarbonate lampshade + 12 x 0.5W LED chips, with built-in rechargeable 4000mA lithium battery pack

Power: 2.4W, Continuous operating time:>50 hours; Weight: 1.0kg

Warning distance: When approaching at 120 km/h, the visible range can exceed 400 meters.

Product Features: The outer frame is constructed with high-strength steel material, ensuring resistance to deformation and aging for robust durability. The guide signs utilize thickened aluminum plates bonded with national standard reflective film for enhanced visibility. Each guide sign is designed as a standalone unit with free rotation and quick disassembly capabilities. Multiple configurations are available to meet diverse warning requirements. The product features a wind-resistant design for stable placement and high-quality reflective film that ensures clear warning guidance. With a driving speed of 120km/h, the visual range reaches up to 260 m.

Traffic Enforcement On-Site Warning Sign

Reflective warning board dimensions: 660*415 (mm) (standard configuration: 2 units, with optional multi-unit combinations);

Dimensions of reflective speed limit plate: 390*390 (mm) (red and white); Reflective warning for nighttime or adverse weather conditions (warning distance exceeding 500 meters due to nighttime light reflection); Warning light operating duration: 60 hours (rechargeable built-in battery).

Warning distance: 800-1000 meters;

Wind resistance rating: Grade 8;

Water resistance rating: IP6.0;

Operating temperature: -40°C to 70°C;

External dimensions: 1440*840*475 (mm) (expanded size);

Shrinkage dimensions: 590*840*55 (mm);

Total weight: 10 kg



Simulated Police Officer

Police statue: 185 cm (male), made of fiberglass; the first command platform (integrated with the statue) measures 20 cm in height and has a diameter of 65 cm.

FRP material (divided into three types: standing at attention, saluting, and holding signs)



Simulated police car

The simulated police car features a solar power system connected to its rear upper section, which automatically charges the vehicle during daytime hours.

- Solar panels: 30Wp;
- Maintenance-free battery: 12V/17Ah;
- Charging voltage: 17.5V
- Charging current: 1200mA;
- Light source: LED light-emitting diode
- Red tube brightness: 5600 mcd;
- Blue Tube Light fi: 7500 mcd



Flash rate of flashover lamp: 60 times ± 2 times/min

Warning light colors: red, yellow

Warning light flashing rate: 23 times per minute (2 times/min);

Protection rating: IP53

Continuous working hours on rainy days: 8 days to 12 days

Rechargeable flashing parking sign

[Model:RD-TCSYP type]

The product is manufactured from ABS material. One side features a reflective film (printed with the word 'stop') that creates retroreflection with the headlights, while the other side contains LED light bulbs to enhance nighttime visibility. When the battery level is low, it can be plugged into a 220V household power source for charging.

Dimensions: Length 340mm, Disk diameter 180mm

Mass: 0.28 kg

Number of LEDs: 9 red LEDs, 1 white LED

6 pearls

Power supply: Rechargeable 220V DC charger
Implementation standard: Q/RD40-2018 Reflective Stop

Vehicle warning sign



Warning post

[Model:RD-JJZ01]

Material: Stainless steel

Dimensions: Total height 900mm

Rod diameter 63 mm. Chassis diameter 320 mm

Isolation band width: 48 mm, length: 3 m

Colors: red, yellow, white, blue, ICBC gray, postal green, power grid green, etc. Configuration: 1 stainless steel pipe, 1 3m cable tie, 1 chassis, 1 stainless steel cover.



Multi-functional LED handheld parking sign

technical parameter :

Dimensions: The panel measures 158mm in diameter and 22mm in thickness, while the handle has a diameter of 33.3mm and a length of 138mm. The rear cover and glass breaker measure 34.5mm in length, with the total product length being 332mm.

Product weight: 410 g.

Battery voltage: 3.7V.

Charging current: 2000mA.

Operating voltage: 5V.

Battery capacity: 2600mAh



Alert tape

【A mould】

Body length: 122 m

Body width: 49.5mm

Body thickness: 0.1 mm

Weight: 804.7 g

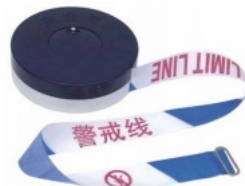
External dimensions: Diameter 200 mm, Thickness 6 0 mm

Fracture strength (radial strength, whole root): 890N

Lightfast color fastness: Grade 4

Fragility resistance: Dry rubbing-Grade 3; Wet rubbing-Grade 4

The warning tape features exquisite embossed designs, with an aesthetically pleasing box-shaped packaging for convenient carrying and use. Compliance standard: GA375-2001 (Type A)



reflective vest |

Material: Base mesh fabric;

Emblem: "Police" and "POLICE" with the police badge

Features: Resistant to deformation and wrinkling, with excellent breathability and comfortable wear; aesthetically pleasing colors that also serve as visual warnings.

Size adjustment: This reflective vest can be adjusted using the Velcro fastener at the bottom reflective strip.





Traffic Police Special Split Raincoat Set

High-quality eco-friendly PU inner coating with Oxford-spun fabric, featuring lotus leaf-style water-repellent design for waterproof performance; ultra-fine fiber breathable mesh lining.

Apply heat-sealing adhesive treatment at the joint to ensure leak-proof performance;

5cm-wide high-gloss gray car seam reflective strip with anti-detachment design.

Left and right chest patches, walkie-talkie dedicated pocket, shoulder strap loop;

Double-front襟 design with a large hidden hood that folds away when not in use; sleeves with adjustable cuffs and 3cm reflective strips on pockets.

Reflective characters can be printed on both sides.



Fluorescent raincoat

[Model:RD-FGZQF01]

Material: PU-coated polyester + fluorescent strip, with cotton lining

Features: Fluorescent traffic police duty uniform with cold-resistant insulation, waterproof seams, Velcro windproof front panel lapel, Class 3 reflective rating, rainproof and warm protection, suitable for indoor and outdoor wear in various weather conditions.



Cycling Airbag Suit

A airbag suit is clothing equipped with an airbag system. When a motorcycle rider experiences an accident at high speed causing separation from the vehicle, the airbag activation device rapidly activates and inflates the airbag with pressurized gas. This mechanism mitigates or prevents injuries to the rider's body and vital organs during high-speed collisions with the ground or obstacles, ensuring the rider's life safety.



The airbag suit consists of three components: the outer garment cover, the inner airbag liner, and the inflation device.

Reflective fluorescent gloves

Warmth-retaining material with ultra-long fibers for superior insulation and comfort



Reflective Nightlight Non-Slip Gloves

Light-harvesting luminescent material



Reflective PU gloves

High-gloss reflective material, reflectivity ≥ 400 cd/(lx·m²)





Reflective thin gloves

Super-elastic fabric, lightweight, comfortable, and breathable



3D Stereoscopic Commuting Mask

Super-elastic fabric, lightweight, comfortable, and breathable



LED luminescent armband light



breathing mask



Warm ear muffs



Multifunctional mask



Windproof and cold-resistant hat



Reflective Thermal Knee Guards (Extended Length)





Multi-Functional Police Public Address System

Product Features: Amplification, Whistle, Recording

Product power supply: 7.2V-9V,6-cell AA battery

Product power: ≥20W

Recording time: 12-20 seconds

Frequency characteristics: 300HZ-20KHZ

Transmission range:>500m

Battery life (dry): Extended-30 hours | Alert-4 hours

Product specifications(LWH): 270*162*220mm

Product weight: 585g (excluding battery)

Implementation standard: "Q/RD-HHQ-2013 Speaker "



Roof cone series |

[Model:Z-S-RD]

Height: 45/50/55/70/75/76 cm (optional)



Anti-intrusion road cone



Rod-type alcohol tester

Measurement mode: Rapid screening, automatic suction

Waterproofing: The buttons and USB port are designed with a simple yet practical waterproofing solution.

Pumping method: Miniature electric motor pumping

Test distance: 3-5 cm

Measurement range: 0-120 mg/100 mL BAC (blood alcohol concentration)

Operating temperature range: -5°C to 45°C

Storage temperature range: 30°C-70°C

Environmental pressure: 600-1400 HPA

Ambient temperature: 20-98% R.H.

Display: Color LED screen (1.4 inches)

The indicator light flashes when the alcohol concentration exceeds the preset value.

Warning: Vibration alert triggered when alcohol concentration exceeds preset threshold

Battery: Lithium rechargeable battery, 3.7V/3000mAh

Flashlight: Red and blue flashing, bright, and rapid flash

Electronic whistle: whistle

Flashlight: 3W high-intensity LED illumination

Continuous working time: 8 hours

Host size: Length (358) x Outer diameter (45) mm

Instrument weight: approximately 265G (including battery)

Test records: 80,000



Cheetah 9 Rapid Alcohol Detector

The product features are as follows:

- 1、 Detection probe: Electrochemical fuel cell is employed.
 - 2、 Button functionality: The buttons are accompanied by audible feedback, ensuring intuitive operation.
 - 3、 Display features: A high-brightness 1.3-inch LCD screen with color display.
 - 4、 Screen switching: The background color automatically changes under different lighting conditions to ensure usability in various environments.
 - 5、 The system can store 150,000 test records, including police officer names and identification numbers, department affiliation, date, time, temperature, and alcohol concentration values. All records can be backed up to the backend computer system.
 - 6、 Wireless data upload feature: All records are uploaded in real-time to the backend management system (optional).
 - 7、 Electronic siren function: Enhances the mobility and hygiene of traffic command poles.
 - 8、 Voice features: Smart voice narration.
 - 9、 Waterproofing: All buttons and USB ports feature a simple yet effective waterproof design.
 - 10、 Vibration motor alert function: If the test result is below the set value, the vibration motor and indicator light will not activate. If the test result exceeds the set value, both the vibration motor and indicator light will activate.
 - 11、 Rapid screening detection: Utilizes motor-driven cyclic sampling with air intake. The subject only needs to blow near the intake port for automatic sampling and analysis, eliminating manual button operation. Detection is rapid, with results available within 1 second.
 - 12、 Qualitative detection: Equipped with qualitative detection capabilities, the results of qualitative testing are displayed visually as data to ensure fairness and accuracy in law enforcement.
 - 13、 No warm-up time required: Test immediately after startup.
 - 14、 Power Supply: Energy-efficient design. This device features a rechargeable lithium-ion battery with a capacity of 3000mAh, providing continuous operation for over 8 hours.
 - 15、 Device appearance dimensions and weight: comply
- Ergonomic rod design with adjustable length
- The length should be greater than 400mm for easy portability.
- 16、 Flashlight mode: Flashlight illumination on hand
- The handle's front end features adjustable brightness and flash switching capabilities.
- user-friendly ;
- 17、 The air intake is equipped with waterproof and dustproof materials.
- Prevent water and dust particles from entering the alcohol measurement core
- Element (electrochemical alcohol sensor), augmented
- The instrument has improved the usability and service life.





Alcohol Test Instrument

[Model: JTCY-RD] Alcohol sensor type: Electrochemical fuel cell-based alcohol sensor;

Measurement mode: Rapid screening, automatic suction type

Extraction method: Continuous motor-driven extraction with a minimum extraction rate of 0.8 L/min

Voltage threshold exceedance alarm: When the supply voltage falls below the specified lower limit, the alcohol detector should trigger an alarm signal.

Alcohol intoxication alert: When a driver is detected driving under the influence of alcohol, the breathalyzer should display not only numerical values and test results but also provide one or more auxiliary indicators such as vibration, lighting, or voice alerts.

Continuous measurement: When using an integrated power supply, the device should be capable of performing continuous measurements for no fewer than 500 cycles.

Preheating time: 2.5 seconds;

Measurement result storage: Measurement results are displayed on the screen in the form of icons and numbers, and the measurement results should be stored.

Sensitivity: At 5 cm, sensitivity ≥ 20 mg/100 ml; at 15 cm, sensitivity ≥ 8 mg/100 ml

Memory retention effect: not exceeding 6 mg/100 ml

Zero reset: Features automatic zero reset function with a reset time of less than 2 minutes. During zero reset, testing cannot be performed if the residual concentration has not decreased to 8 mg/100 ml.

Implementation standard: "QJST003-2016 Rapid Alcohol Content Detector"



Alcohol rapid screening device

[Model:CA2000]

Three-digit display(X.XX%BAC/BRAC)

Scope: 0.00s to 0.40% BAC (blood alcohol content) or 0.00s to 2.00 mg/m-L (BRAC) (alcohol in exhaled breath)

Check accuracy: $\pm 0.01\%$ (0.01BAC) or ± 0.05 mgter(0.50 BRAC)

Recovery time: 30 seconds

Preheat time: 20 seconds

Induction time: 5 seconds

Extremely low power consumption: A 9V square battery can operate continuously for over three hours.

Bright characters: Red LED displays data, clearly visible at night

Sound alarm: The buzzer automatically triggers an alarm when alcohol content exceeds the limit.

Implementation standard: "Q/JST003-2016 Rapid Alcohol Content Detector for Screening"



GPS locator

[K20H type]

Channel: 48 parallel channels (L1, C/A)

Positioning accuracy: 3-5 meters for single-machine positioning, 1-3 meters for real-time differential positioning (SBAS)

Timing: Hot start <2 seconds, Cold start <35 seconds

Update rate: 1Hz

Antenna: omnidirectional high-sensitivity GPS antenna

Destination: 3000

Routes/Points: 60 routes/100 points

Flight path: 50 (5000 points per path)

Storage expansion: Supports Micro SD cards

Interface:USB2.0

Coordinate systems: WGS84, Beijing 54, Xi'an 80xCGCS 2000, and custom coordinate systems

Area measurement: Real-time recording mode, Route mode, Track saving mode

Sensors: Three-axis electronic compass, barometer, G-Sensor, thermometer

Transmission protocol:NMEA0183

Dimensions: 115*22*57(mm)

Shell material: Industrial-grade material

Operating temperature: -20°C~60°C

Fall height: 1.5 meters (cement floor)

Type: Industrial-grade TFTLCD

Size: 2.2

Resolution: 240*320 QVGA

Color: 260,000 colors, color screen

Weight: 100g (excluding lithium battery)

Water resistance rating: IP67

Storage temperature: -30°C~70°C

Power source type: Dedicated lithium battery with a usage duration of 20 hours; External power supply: USB, vehicle-mounted





GPS Position Finder II

Operating system:Windows Mobile 6.5 Operating system

CPU:clock speed ≥833MHz

RAM:≥256MB

Memory: ≥4GB

Satellite reception: Supports GPS, BeiDou, and GLONASS satellite systems, with single BeiDou system positioning capability.

Number of channels: ≥300 channels

Receiver antenna: built-in

The receiver can be directly used as a reference station to provide differential signal sources for products of the same model or type.

Screen size: 3.7-inch high-brightness touchscreen with clear display in sunlight

Resolution: 640X480

Data interface: MINI USB port, supporting charging and data transfer

Communication: Supports Bluetooth,Wifi, GPRS and WCDMA3G communication

USB OTG: Supports USB OTG functionality, allowing direct data transfer using USB flash drives. Storage expansion: The device supports SD card expansion with a maximum capacity of 32GB or more.

Power supply: The battery has a capacity of ≥37WH with a detachable design, featuring built-in power level monitoring and enabling direct charging without requiring the host device.

Usage duration: Single battery ≥14 hours

The device supports hot-swapping of the battery, allowing replacement without shutting down the host. Operating temperature: -20°C to 60°C.

Storage temperature: -30°C~70°C

Dustproof and waterproof: IP66

Impact resistance: Natural drop from 1.5 m to the ground



laser distance measuring instrument

Model: Onick1000 |

Measurement range: 1000 meters

Range measurement error: ±0.5m

Height measurement: is

Inclination angle accuracy: ±1

Magnification: 6x

Objective lens diameter: 21mm

Field of view: 7.2°

Pupillary diameter at emission: 3.8 mm

Eye distance: 16mm

Range display method: LCD screen within the field of view

Focusing method: eyepiece focusing

Operating temperature: -20~+60°C

Battery type: CR2-3V lithium battery



On-Site Intrusion Prevention Early Warning System for Accident Scenes

[Model:RD-FC100]

The "early warning system" automatically establishes a wireless digital protection network at the accident site. The front-end device mounted on the cones emits red warning lights to guide vehicles to detour around the area. When oncoming vehicles accidentally enter the restricted zone and crash into the cones, the wireless network instantly transmits alarm signals. The on-site intrusion detector activates audible and visual alerts, prompting emergency responders to promptly clear the path for the intruding vehicles and ensure safety.

Ensure the safety of personnel with disabilities and prevent secondary accidents.

Equipment composition: Early warning detection diagrams *5 (addable as needed) Long-distance warning lights *1 (addable as needed)

Wireless alarm shoulder lights*2 (additional units available upon request) Charging main box*1

Total equipment weight: 6.55 kg

Box dimensions: 42.1*30.2*24.7 (cm)

Alarm detection range: Utilizes the 433MHz industrial frequency band with strong anti-interference capability, achieving transmission and reception distances of ≥800 meters; Wireless alarm shoulder light: Features an ABS high-strength plastic housing; Transmission and reception distances ≥800 meters.

Long-range warning light: PC-ABS high-strength plastic housing with a visible range of 500 meters and 360° self-illumination; Equipment protection ratings: IP65 for the warning device, IP54 for the alarm device, and IP53 for the housing.

Charging duration: Charge for 3-4 hours, then use for ≥100 hours



Portable Dual-Use Radar Speedometer for Vehicles

The installation methods are diverse, including vehicle-mounted placement or tripod placement along roadside.

The product maintains 24/7 high-performance operation capability without any adverse effects in environments ranging from 70°C to -30°C. It exhibits exceptional rain and dust resistance, successfully withstanding southern rainfall challenges.

Unafraid of northern sandstorm environments.

One-touch power on/off function, individual display shutdown and other user-friendly designs. Ultra-high-level stability surge current protection design with reverse connection protection capability. High-capacity DC power supply.

Lithium iron phosphate batteries are safe and reliable, with a battery life of up to 16 hours.

GPS real-time positioning feature.

System Features: 24/7 operation, bidirectional speed measurement, separate speed limits for large and small vehicles, wireless transmission, remote control, automatic USB drive downloads, and blacklist comparison.

GPS positioning, interval speed measurement, and traffic flow statistics.

System Functions: Automatic capture of vehicles exceeding speed limits in the same direction, opposite direction, and both directions; 24/7 continuous operation capability with 100% synchronization of night-time flash photography.

Capable of capturing 1-3 photos and automatically storing them in a designated folder; features wireless transmission to send images to the central server via 3G network; includes

After adding to the U drive, the images will be automatically imported.

Automatic license plate recognition and blacklist comparison function;

Other violation detection functions include lane crossing, illegal parking, and wrong-way driving; it features separate speed limits and starting values for large and small vehicles; two sets of equipment operate simultaneously.

Supports interval speed measurement functionality.

System Configuration: Highly integrated industrial PC, 5-degree narrow-wave speed radar, high-definition gigabit industrial camera, 6.5-inch Taiwan AMT wide-temperature four-wire analog resistance touchscreen, anti-static aluminum-magnesium alloy oxidation paint integrated enclosure, high-capacity lithium battery and charger, professional-grade triangular bracket with powerful suction cup, aviation-standard aluminum packaging box, intelligent flash, and De'an V1.0 intelligent capture software.



Multi-Channel Capture and Evidence System for Illegal Parking

The Data Processing Unit-TKY-CS002 is a portable touchscreen tablet computer that connects to a wireless local area network (WLAN) formed by-TKY-CS001 and-TKY-CS005. It employs self-developed technology.

The Mobile Inspection and Control System V1.0 and CMS software are used to configure cameras and collect evidence of illegal activities.

The system architecture utilizes mainstream products to ensure high quality and stability.

The system achieves comprehensive integration of globally stable and high-quality technologies and components, utilizing proven techniques to minimize system instability.

The system includes hardware, operating system, network, and database design with detailed fault handling solutions to ensure rapid system recovery, while employing fault-tolerant technologies to enhance system reliability.

The system equipment employs energy-efficient, safe, and reliable products. Key components utilize domestically and internationally renowned brands to ensure stable system operation.

The architecture of the Multi-Channel Surveillance and Evidence Collection System for Illegal Parking (CS-01-TKYI) is primarily reflected in three aspects: technological advancement, simple and rational structural design with ease of operation, and diversity in network-based law enforcement. The main equipment employs novel materials for durability.

The integrated violation parking detection system with multi-camera capture and police light design forms a cohesive unit. This innovative solution automatically/manually collects evidence through video imaging for urban road violations—including illegal parking, BRT lane occupation, yellow line crossing, wrong-way driving, and unauthorized lane changes—while providing real-time monitoring, voice alerts, and 360-degree panoramic recording. It significantly enhances evidence collection efficiency, improves law enforcement effectiveness, and reduces traffic police workload. The hardware configuration comprises dome camera-police light assemblies, tablet computers, control terminals, voice controllers, and corresponding cables, with dome cameras capturing high-definition video footage.

The tablet computer runs specialized software to collect evidence of traffic violations through video/image processing and controls the pan-tilt unit.

The control terminal is used for video surveillance and pan-tilt control.

The voice controller primarily functions to synthesize text information into speech for broadcasting, thereby reducing operators' workload and enhancing work efficiency.





Police Patrol Bicycle

Model: 24-inch
 Frame: Reinforced Carbon Steel Frame
 Tires: Famous brands
 Wheel rim: Aluminum alloy double-layer wheel rim
 Wire: Thickened
 Trunk: Steel trunk
 Emergency lights: Solar-powered retractable emergency lights
 Cart basket: steel reinforced basket
 Front plate: Public security patrol logo, customizable



Police Patrol Electric Vehicle

Load capacity: less than 400kg
 Maximum speed: 50 km/h, with 3-speed adjustment
 Range: 50-60 km
 Tires: Vacuum outer tires with wear resistance and puncture resistance
 Braking system: front disc brakes, rear mechanical brakes
 Dimensions (length, width, height): 195*65*130 (cm)
 Implementation standard: GB 17761-1999



Patrol balance vehicle

Lead-acid battery: 36V / Lithium battery: 48V / Lithium battery: 72V / Dual lithium battery: 48V each / Dual lithium battery: 72V each. Dimensions: Length*Width*Height: 90*58*80cm to 110cm
 Vehicle weight: 50kg

Power source: Brushed DC motor

Tires: 17/19-inch vacuum puncture-resistant smooth tires (aluminum alloy rims)

Handlebar height: adjustable to 80-110 cm

Maximum load capacity: 150kg; Maximum speed: 18km/h

Pedal height: 26 cm; Maximum ground clearance: 13 cm

Turning radius: 0m; Maximum climbing angle: 35 degrees

Standard tire pressure: 250KPa; Battery level indicator: 5-stage display

Maximum range: 20-80 km (battery-dependent)

Full charge time: 8-10 hours

Package dimensions: 91*50*60 (cm)



Police patrol car

[Model:ZY-QC-X

02]Motor: 3kw

Range: 70-80 km

Speed: 40km/h

Battery: 48V

Ascent slope: 20-30°

Net weight: 450 kg

Dimensions: 3300*1250*1710(mm)

Tires: 18/8.5-8 vacuum tires

