

Security Solution

Portable HD Ultra-thin X-ray Scanner System (Dual-Energy)

Description:

The Portable HD Ultra-thin X-ray Scanner System is a device using X-ray fluoroscopic imaging. Through high-definition images, operators can quickly detect dangerous goods such as weapons, drugs, explosives and other contraband hidden in suspicious parcels and vehicles. This equipment is suitable for security inspection and bomb disposal, anti-smuggling and drug control, security, customs, post and telecommunications, forensic autopsy, and non-destructive testing in industrial departments.



Features:

- **High-definition:** High-definition images facilitate operators to identify the types of items in the package and analyze details.
- **Ultra-thin:** The ultra-thin flat panel detector can be placed in narrow gaps for easy inspection.
- **Lightweight:** The equipment is easy to assemble, the flat panel detector is light in weight, and easy to set up.
- **Simple:** Easy to operate, wireless connection, remote control pulse emission, touch screen computer is convenient for image processing.

Dual-Energy Imaging Image Effects:



Security Solution

Handheld Trace Explosive Detector

Description:

The newly developed explosive detector is the portable trace explosive detector with the highest detection limit and the most explosives in the domestic and foreign markets. The excellent ABS Polycarbonate casing is sturdy and elegant. The continuous working time of single battery is more than 8 hours. The cold start time is within 10 seconds. The TNT detection limit is 50pg level, and more than 30 kinds of explosives can be detected. The product is automatically calibrated internally.

Features:

1. Fluorescence based
2. No radioactive source
3. Automatic calibration
4. High sensitivity and low false alarm rate
5. Quick start and detection speed
6. Broad explosive identification
7. Convenient operation



Dual Mode Explosive & Drugs Detector

Description:

The device is based on the principle of ion mobility spectrum(IMS), using a new non-radioactive ionization source, which can detect and analyze trace explosive and drugs particles, and the detection sensitivity reaches the nanogram level. The special swab is swabbed and sampled on the surface of the suspicious object. After the swab is inserted into the detector, the detector will immediately report the specific composition and type of explosives and drugs.



Features:

- High safety, using non - radioactive ionization source
- Non-radioactive IMS technology, high sensitivity and low false alarm
- High detection efficiency, continuous detection, automatic calibration, sound-light alarm, automatic cleaning, self-diagnosis, without extra manual operation
- New Android system makes operation much easier and efficient
- Multi-data interface and supporting software, storage of 500,000 raw data

Security Solution

Hand-held Raman Detector

Description:

This equipment is an integrated, portable rapid detection and analysis device. Through Raman spectroscopy technology, it can realize the rapid and qualitative detection of common drugs, explosives, flammable and explosive dangerous chemicals.



Specification:

No.	Technical Specs	
1	Excitation Wavelength	785nm±0.5nm
2	Laser Output Power	0-500mW Adjustable
3	Spectral Range	150 cm-1-3600cm-1
4	Spectral Resolution	≤5 cm-1 @1777 cm-1
5	Signal to noise ratio	≥600: 1
6	Connectivity	WiFi, USB
7	power supply	Lithium battery-powered
8	Detection of sample forms	Constant Solid, Powder, Film, Liquid
9	Weight	<1kg
10	Operating temperature	5°C-40°C

Non-Linear Junction Detector

Description :

HW-801 is a non-linear junction detector. It can detect any electronic equipment hidden in walls, floors, ceilings, lamps, furniture or containers. Whether these electronic devices are transmitting signals or not, they are alerted by display, vibration and sound prompts, so that the detectors can focus on the hidden targets.

Application scenarios:

It can be widely used in government, public security, prison, justice, army, education examination, business security and personal privacy protection, etc.



Security Solution

Non-linear Junction Detector

Description:

HW-802 is a miniaturized portable Non-linear Junction Detector that can detect electronic devices hidden in walls, floors, ceilings, lighting fixtures, furniture, or containers. Regardless of whether these electronic devices are emitting signals or turning on/off, they can be alerted through various ways such as display, sound, and vibration, allowing detection personnel to find the target device and protect organizational and personal privacy.



Specification:

Product operating frequency band	2.400GHz
Frequency range	2.404GHz-2.472GHz
Receiving 2nd to 3rd harmonic range	4.808GHz-4.944GHz; 7.212GHz-7.416GHz
Pulse mode transmission power (maximum)	0~1W (ERIP)
Receiver sensitivity	≤ -125dBm
Battery life under maximum power consumption	3 hours
Battery Type	Lithium Battery

Hazardous Liquid Detector

Description:

Hazardous Liquid Detector is a security device designed for examining the safety of liquid in sealed containers. Without opening the container, safety inspector can receive instant feedback from the device and make decisions about whether the liquid is hazardous to public.

With its high level of performance and precision and without complicated operations, Hazardous Liquid Detector can instantly give results from the liquid with one single scan, which makes it compatible and efficient for security check in public places with large amounts of people, especially for airports, train stations and government agencies.



Security Solution

Under Vehicle Scanning System

Description :

This system is composed of Under Vehicle Scanner, License Plate Recognition Camera, Mobile Server Cart, Speed Ramp and so on. All components can be packed into the Mobile Server Cart and very easy to move. It can effectively scan and inspect the chassis of vehicles to search and analyze for suspicious objects or contraband such as drugs and weapons. The system is ideal for government, military, transportation and corporation facilities requiring security checkpoints for vehicles such as vans, tractor trailers, buses and passenger vehicles.



Portable Walk Through Metal Detector

Description:

Portable Walk Through Metal Detector provides the ideal solution, when you need to scan large volumes of people quickly and efficiently for concealed weapons, or other hidden metal objects. It is mainly used at indoor checkpoints to detect the presence of a metal object on a person's body and sets off an alarm if any metal is detected. They are widely used in concerts or sporting events, airports and correctional facilities.



Features:

1. Portable, Install and disassemble within 5 minutes.
2. There are three individual detect zones.
3. Head-to-Toe, Zone Specific Detected.
4. Self test and Self calibration once power on.
5. LCD touch screen, simple operation.
6. 300 adjustable sensitivity levels.

Security Solution

Telescopic IR Search Camera

Description:

The telescopic IR search camera is a highly versatile which is designed for the visual inspection of the illegal immigrants and contraband in the inaccessible and out-of-sight areas such as upper floor windows, sunshade, under vehicle, pipeline, containers etc.

The telescopic IR search Camera is mounted onto a high-intensity and lightweight carbon fibre telescopic pole. And the video will be changed to black and white in very low light conditions through IR light.



Portable Under Vehicle Search Camera

Description:

Portable Under Vehicle Search Camera is used to check whether there is contraband in parking cars at sports, important meetings, local police stations, hotels, large factories, stadiums, cinemas, theaters, conferences and so on. It is used for airport security, parking inspection, military area inspection, private car inspection, etc.



Features:

- 7-inch HD 1080P display screen, image display is clear.
- Using high quality HD wide angle camera, the FOV is wider.
- The main mechanism adopts carbon fiber tube, which greatly reduces the weight and makes it more portable and convenient folding structure.

Security Solution

Vehicle Chassis Detection Robot

Description:

The vehicle chassis detection robot is a detection device that combines multiple technologies such as machine vision, image recognition, and intelligent car control. Through wireless control of the robot's motion on a flat panel, it can easily inspect the real-time condition of the vehicle bottom, greatly reducing inspection time, effectively reducing work intensity, and improving inspection efficiency. Used to inspect the chassis of various vehicles, it can carry out safety inspections on stations, docks, airports, venues, etc., or inspect the interior seats of trains and airplanes. It can be widely used in car maintenance, modification inspections, large-scale event security checks, explosion-clearance under the car, customs anti smuggling, public security investigations, etc.



Features:

- High definition white light+infrared thermal imaging dual cameras
- All-round real-time monitoring without dead ends
- Intelligent wireless control terminal operation
- Laser radar ranging, intelligent avoidance
- All-wheel drive control
- Larger load capacity and smooth driving
- Flexible and convenient operation

Portable Bio-Threat Rapid Detector

Description:

Portable Bio-threat Rapid detection device is a portable rapid test product on site, which adopts no background interference luminous type of rare earth nanometer material as biological marker, a new proprietary technology with intellectual property rights. It is a landmark solution of POCT with high sensitivity, precise quantification capability in biological rapid detection. It is specifically designed for biological anti-terrorism first-responders, Hazmat teams & Military use.



Security Solution

High Power 5G Cell Phone Signal Blocker

Description:

It is a seventh-generation green signal jammer. It is a directional full-band communication signal jammer that can comprehensively cover mobile phone signals, effectively blocking mobile phones, WIFI, Bluetooth, electronic watches and other wireless cheating devices.

It functions as a security guard and purification expert for confidential meeting venues and standardized examination rooms. This jammer only blocks the reception of on-site mobile-like devices and has no impact on surrounding base stations.



Features:

- It can effectively block frequency bands such as GSM/CDMA/DCS/WCDMA/LTE/WIFI (tri-band)/5G (including 5G for radio and television).
- It is equipped with dual switching power supplies and a high-performance aluminum alloy heat sink, ensuring good short-term working stability.
- There are 6 silent cooling fans inside.
- It adopts advanced foreign chips and technologies, with a soft-start circuit design and high integration.
- It uses ultra-high-frequency interference technology and has a waterproof design, making it suitable for both indoor and outdoor use.
- It applies multi-channel segmented independent shielding technology for better performance.
- It is controlled by a manual switch. The effective shielding range is 8m - 100m (depending on the signal strength of the operator's network), and it can work continuously for a long time.
- The interference frequency band can be expanded according to user requirements.

Wireless Signal Detector

Description:

Wireless signal detector is a very reliable wireless signal environment security detection and inspection equipment, supporting the global coverage of 2G / 3G / 4G / 5G signal 2.4G Wi-Fi and Bluetooth wireless communication standards and protocols as well as other power frequency and communication protocols. It is suitable for various wireless eavesdropping, thieving and tracking devices in military industry, government, banking and finance, business and travel hotels, private residences and other scenes.



Security Solution

4025 series Spectrum Analyzer (9kHz to 6/9/20/26.5/44/54 GHz)

Description:

4025 spectrum analyzer is a new generation of high-performance handheld spectrum analyzer, with a frequency measurement range of 9kHz to 54GHz, mainly used for installation and commissioning of wireless communication equipment in the field, maintenance and interference detection, etc. It is small, lightweight, highly adaptable to the environment, flexible in power supply and easy to operate.



Features:

- ▶ Frequency range coverage: 9 kHz to 54 GHz, low frequency can be extended to 5 kHz, full-band pre-amplifier are configured
- ▶ Fast Sweep Speed
- ▶ Multiple measurement function modes
- ▶ Various intelligent measurement functions
- ▶ Multiple types of auxiliary test interfaces and digital interfaces

Pupil Detectors for Suspected Drug User

Description:

Pupil changes are primarily influenced by the central nervous system, After drug use, the central nervous system is impaired, leading to abnormal pupil responses to light. The pupil detection device applies a light stimulus to the eye (based on the principle of the pupillary light reflex). This stimulus inevitably causes changes in the pupil which are then analyzed to determine whether the subject is suspected of drug use.

Our approach combines pupil feature detection with traditional methods for detecting eyeball lesions (e.g., identifying concave spots, speckles, radial patterns, pigmentation, ciliary features, and other detailed characteristics), significantly enhancing accuracy.



Features:

- ▶ **Applicable to All Inspection Scenes**
Raid inspections, checkpoint screenings, border inspections, high-risk positions, and key units.
- ▶ **Device Location Tracking**
Capable of pinpointing the device's operational location.
- ▶ **5-Second Detection, 2-Second Results**
Non-invasive, contamination-free, consumable-free, fully automated detection, greatly enhancing case handling efficiency.
- ▶ **Real-Time Data Transmission**
The detection data is transmitted in real time to the designated server.
- ▶ **Multi-Mode Detection**
Supports offline detection, online detection, left-eye detection, right-eye detection, and binocular detection.
- ▶ **Multiple Methods for Identity Verification**
Supports identification via ID card, facial recognition, iris recognition, etc.

Anti-drug Solution

Threat Trace Detector

Description:

Threat Trace Detector is miniaturized mass spectrometry (MS) detector targeted for multiple threats identification. Equipped with non-radioactive ionization source system, it enables rapid and accurate detection of explosives, narcotics, new psychoactive substances (NPS), toxic industrial chemicals (TICs), chemical warfare agents (CWAs) and etc.

Taking advantage of mass spectrometry technology, it is of extremely high accuracy and low false positive. It also features the most comprehensive material library of explosives, narcotics and other emerging threats, including varied explosives of homemade, commercial, military use, drugs, precursor chemicals, spirit drugs, synthetic opioids, fentanyl and fentanyl analogs. It is applicable to vital checkpoints such as aviation, Customs and border, and also used as evidence inspection tool by law enforcement departments.



Specification:

Explosive Library	Most homemade, commercial and military explosives, such as TNT, RDX, BP, NG, PETN, TATP, AN and etc.
Narcotic Library	Wide Range of narcotics, precursor chemicals and spirit drugs, including meth, heroin, cocaine, THC, NPS, fentanyl, JWH-018, butanone, ephedrine and etc.
Substance State	Powder, crystal, opioid, liquid, vapor and etc.
Sampling Mode	Swab or sniffing without pretreatment
Detection Time	In seconds
False Positive	<0.1%
Sensitivity	Picogram level (10-12g)
MS/MS Tandem Detection	Yes
Operation System	Linux

Anti-drug Solution

Multi-function Drug Analyzer

Description:

Multi-functional Drug Analyzer is a powerful handheld drug analyzer.

It can rapidly detect the presence of specific drugs in human specimens (urine/saliva/hair) that exceed the cut-off concentration, to get qualitative or quantitative results.



Portable Trace Drug Detector

Description:

The portable trace drug detector is a new drug rapid detection device that uses an avalanche diode array as the excitation light source to monitor the fluorescence extraction reaction of nano fluorescent small molecule drug vapor sensitive materials, achieving nanogram level detection sensitivity. When the concentration of drugs in the environment around the detector or the quality of wipe sampling reaches the detection limit, the detector will alarm.

Features:

- 1.High sensitivity
- 2.Small size,light weight
- 3.Fast detection speed



Anti-drug Solution

Portable Backscatter Imaging System70kV

Description:

Portable backscatter imaging system has single-sided inspection and the image quality has reached the international advanced level. It can effectively inspect some places that are difficult for ordinary X-ray machines to inspect, such as objects against walls, furniture, walls, car doors, and tires.



Specification:

Power	70Kv
Size	(excluding handle) 212mm x 300mm x 143mm; (including handle) 324mm x 300mm x 143mm
Weight	5.9kg
Thickness	Only 143mm, can be inserted into narrow spaces for inspection
Scanning speed	≥ 30cm/s
Wire resolution	Capable of resolving a single solid metal wire with a diameter of no less than 0.32mm.
Penetration	can penetrate not less than 1mm steel plate, and can display organic matter in a highlighted form

Handheld Backscatter X-ray Imaging System 140kV

Description:

The handheld backscatter X-ray imager is a device that uses X-ray backscatter technology to conduct imaging and detection of the internal structure of the inspected objects. It has strong penetration capabilities and can perform high-sensitivity, rapid, non-destructive imaging and inspection without contact.

It can efficiently detect suspicious items such as explosives, drugs, controlled knives, pistols, and smuggled goods, which are prohibited and dangerous items. With an integrated design, it is easy to carry and can effectively meet the inspection requirements for various tasks such as security checks, bomb detection, drug control, and confidentiality.



EOD Robot(HW-PBC-A01)

Description:

EOD Robot is a high-tech equipment designed specifically for Anti-terrorism, EOD, public safety and other fields. It can replace EOD personnel to perform tasks such as reconnaissance, transfer, dismantling and destruction of explosive devices or hazardous items. Through remote control, it can replace people entering high-risk environments, significantly reducing the risk of casualties, and is widely used in military, special police, firefighting, customs and other scenarios.



Specification:

Basic Parameter		
Size	EOD Robot	1000×760×840mm(Excluding camera)
		1000×760×1100mm(Including camera)
	control box	545×434×193mm
Weight	EOD Robot	Approximately 230kg
	control box	17.5kg
Distance from ground	8cm	
Maximum height of the entire	270cm(including installed robotic arm)	
Dragging weight and Load capacity	Dragging weight	≥ 150kg (When the maximum drag weight is reached, Correspondingly reduced load capacity)
	Load capacity	≥ 150kg (when the maximum load capacity is reached, the drag capacity decreases accordingly)
mechanical arm	Robotic arm axes	6,each axis supports rotation around-180°~+180°/up and down
	gripper	Unilateral 63 °, opening and closing range 0-25cm (default standard gripper)
	Grabbing ability	Rated load ≤ 25kg, The maximum load is ≤ 50kg at the longest arm extension of 170cm , Rated load ≤ 50kg, the maximum load is ≤ 100kg at the proximal arm extension of 5cm
	Claw opening and closing	0-25cm (default standard gripper)
Image transmission frequency band	Image transmission: 420-450MHz, data transmission: 902-928MHz	
Effective image transmission distance	Wireless image transmission ≤ 890m, wired 200m fiber optic cable	

EOD Robot(HW-18)

Description:

EOD robot consists of mobile robot body and control system.

Mobile robot body is made up of box, electrical motor, driving system, mechanical arm, cradle head, monitoring system, lighting, explosives disrupter base, rechargeable battery, towing ring, etc.

Mechanical arm is made up of big arm, telescopic arm, small arm and manipulator. It is installed on kidney basin and its diameter is 220mm. Double electric stay pole and double air-operated stay pole are installed on mechanical arm. Cradle head is collapsible. Air-operated stay pole, Camera and antenna are installed on cradle head. Monitoring system is made up of camera, monitor, antenna, etc.. One set of LED lights is mounted on the front of body and on the back of body. This system is powered by rechargeable Lithium battery.

Control system is made up of center control system, control box, etc.



Specification:

Robot Body	
Materials	Aircraft-grade aluminum alloy, precision machining
Dimensions	L*W*H: 920 * 625 * 515 mm
Weight	92.8kg (without accessories, package and control box)
Maximum Speed	1.2m/s
Loading Capacity	When loading 150KG, it can move normally (actual measurement).
Grade Ability	It can climb up the slope of 45° and stop steadily on the slope.
Climbing Stairs Ability	With traction-free assist, it can climb up and down the stairs of 160mm step height and 45°angle slope.
Drag Capability	500N
Turning Ability	In horizontal cement ground or bituminous pavement, the robot can turn clockwise or anticlockwise 360°.
Limited Passage Width	≤700mm
Over-obstacle Capacity	It can cross the obstacle of 280mm height.
Max. Mechanical Arms Spread	1650mm
Gripper of Manipulator Maximum Expansion Range	250mm
Arm Extension when stretch out and draw back	500mm
Control Distance	Wireless control: ≥150m (Line of Sight); Wired control: 100m
Number of Cameras	4
Control Terminal	
Box	Portable, waterproof, dustproof, high strength
Size	≤ L 460 * W 370 *H 260 mm
Weight	≤ 10kg
Display Screen	12-inch HB LCD, wide viewing angle, outdoor clear picture
Operation	High-quality rocker handle, human software interface design, easy observation and convenient operation

EOD/IED Solution

EOD Robot(HW-400)

Description:

This product is the only small and medium size EOD robot that has double gripper design, super multi-perspective function, and with integration of reconnaissance, transfer and disposal. As a size EOD robot, HW-400 has a small volume, weighing only 37kg; but its operating capacity has reached the standard of medium-sized EOD robot, and the maximum grabbing weight is up to 12kg. The Robot is not only structurally robust and lightweight, but also meets national military requirements on many aspects such as dust prevention, waterproofing and corrosion protection.



Specification:

Parameter Name	Parameter Index
Robot size	≤ 830mm×600mm×460mm (Fully retracted)
Robotic arm length	≥ 2400mm (With extension joints, fully extended)
	≥1700mm (Without extension joints, fully extended)
Robot weight	≤37kg (Including two batteries)
Maximum speed	≥1.4m/s, (5 gear shifting, continuously variable speed)
Vertical leaping over height	400mm
Robotic arm flat stretch	≥6kg
Robotic arm retracted	≥12kg
	≥3h (Without extended battery pack)
Continuous working hours	≥6h (With extended battery pack)
	7
No. of cameras	7
Control method	Wired, wireless control
Cable length	≥100m
Wireless remote control distance	≥300m (Under Inter visibility conditions)

EOD/IED Solution

Search Bomb Suit

Description:

The Search Bomb Suit is designed specifically for personnel searching and clearing of mines and terrorist explosive devices. it is lighter in weight and comfortable to wear .

The search Suit contains a pocket in the front where an optional blast plate can be inserted. This upgrades the level of protection provided by the search Suit.



EOD Bomb Suit

Description:

This type of bomb suit is designed as a special clothing equipment especially for Public Security, Armed police departments, for the personnel dressing to remove or dispose of small explosives. It provides the highest level of protection to the personal currently, whilst it offers the maximum comfort and flexibility to the operator.

The Cooling suit is used to provide a safe and cool environment for explosive disposal personnel, so that they can carry out explosive disposal work efficiently and intensively.



Portable Wide-Band Wireless Frequency Jammer

Description:

The HWBJ-SDR jammer is a device based on Software Defined Radio (SDR) technology, widely used in scenarios requiring wireless signal control such as bomb disposal, anti-terrorism, and technical investigation. It can effectively interfere with 2G/3G/4G/5G mobile terminal signals, Bluetooth, WiFi signals, and digital/analog walkie-talkie signals, ensuring the safety and stability of wireless communications.





EOD/IED Solution

Underground Metal Detector

Description:

The Underground Metal Detector is a versatile multi-purpose metal detector suitable for police, military and civilian users. It addresses requirements for crime scene and area searching, explosive ordnance clearance.

The new detector introduces simplified controls, an improved ergonomic design and advanced battery management. It is weather resistant and designed to withstand extended periods of use in harsh environments while providing a high level of sensitivity.



Mine Detector

Description:

Mine Detector is mainly used to detect various mines or unexploded ordnance laid under the ground in mine detection and clearance operations at the wartime and postwar, which is also used to search the mines, explosives, firearms, tools & knives and other metal-containing dangerous goods laid under the ground, water and in the buildings in operations such as international peace-keeping, anti-terrorist and security check etc. to provide all accurate information for the clearance of dangerous goods.



Features:

- High-sensitivity
- Easy to operate
- Audio and visual indications
- Detection of magnetic and non-magnetic metals
- Minimize the risk of detonating magnetic influence mines
- High effective soil compensation
- Precision pin-pointing of the target
- Water resistant

EOD/IED Solution

Remote Laser Disrupter(500W)

Description:

This system uses wireless transmission module to operate the laser transmitter at a distance through handheld control terminal in a safe area, so as to realize the rapid destruction at a distance and avoid direct contact with dangerous ammunition. It is a long distance, fast and stable, non-direct contact dangerous ammunition destruction device. It is mainly used for falling in the service management of combat troops, destruction of cartridges and dangerous explosive articles collected and found. The device is an important equipment for the army to perform engineering support, special destruction and other tasks.



Specification :

Laser	Air cooled continuous transmission power $\geq 500W$
Central wavelength	$1080 \pm 10nm$
Ranging distance	6-600m
Destruction action distance	50-200m
Tilt protection Angle	The laser shuts off automatically when the tilt is greater than 5.5°

EOD/IED Solution

Laser Unexploded Ordnance Destroyer(1000W)

Description:

The Laser Unexploded Ordnance Destroyer uses the wireless transmission module to transmit signals, through the hand-held control terminal in the rear of the host in the safe area of the laser transmitter to issue commands for remote detonation, in order to achieve the rapid destruction of suspicious explosives at a distance.

The principle is to focus the laser spot on the target object through an optical lens, and form a high temperature of tens of thousands of degrees Celsius near the focus of the laser spot. When the temperature rises to the inducing temperature of the explosive charge or penetrates the explosive material, causing the target to explode.

It is mainly used in military, police, special force, public security and other departments to eliminate or leave behind ammunition, as well as ammunition items beyond the storage period. Compared with traditional explosive disposal methods, the laser firing system can significantly improve the efficiency of explosive disposal, save the cost of explosive disposal, reduce the intensity and risk of explosive disposal workers, and improve the efficiency of explosive disposal.



Specification :

Laser power (W)	1000W
Wavelength (nm)	1080nm±5
Working distance (m)	10-200 m
Power range	10%-100%
Optical sight	60 times optical zoom, 10 times digital zoom
Distance measurement method (Optional)	Hand-held laser distance meter
Control panel screen	10.4 inch
Battery capacity	111V34A
Power in (Optional)	Lithium battery/Switch power supply / Power generator
Pilot lamp (Optional)	Green light
Security protection function (Optional)	PI.R motion sensor /Electronic fence
Laser focus mode	Dynamic focus
Pan-tilt steering angle	Horizontal, -180°-180°; Vertical, -90° (down) -90°(up)

EOD/IED Solution

Wireless Remote Detonation System

Description:

The wireless remote detonation system is mainly used for the wireless remote detonation of blasting charges, electric ignition explosive devices and non-lethal munitions. It can be used in the army, armed police, special police, public security and other military ordnance disposal work and related military exercises.



Features:

- The communication distance is up to 2000 m (LOS)
- The system can command up to 16 remote initiators at a time individually or in any combination.
- 5-inch high-definition display screen
- Number of initiator can be freely selected for control.
- Double keys are designed to prevent misoperation.
- The initiator can be reused under the non-detonating live ammunition state (exercise).
- The initiator can set the number freely, and the controller can automatically correspond to the number after starting up.

Telescopic Manipulator

Description:

Telescopic manipulator is a kind of EOD device. It is comprised of the mechanical claw, mechanical arm, battery box, controller, etc. It can control the claw's open and close.

This device is used for all dangerous explosive articles disposal and suitable for public security, fire fighting and EOD departments.

It is designed to provide the operator with a 4.7 meters stand-off capability, thus significantly increasing operator survivability should a device detonate.



Features:

1. High grabbing capacity: it can grab about 20 kg objects.
2. 4.7 meters stand-off capability.
3. Rechargeable battery.
4. Battery box designed as counterweight.
5. The mechanical claw can be operated electrically and rotated 360 degrees electrically.
6. The height of bracket is adjustable with universal wheels which can be locked.



EOD/IED Solution

Spherical Bomb Suppression Container

Description:

The Spherical Bomb Suppression Container is used to inhibit the blast wave generated by explosive explosion and the lethal effect of debris on the surrounding environment. This product contains a Bomb Suppression Container and a trailer for transporting explosives. This product is widely used in airports, wharves, stations, subways, stadiums, exhibition venues, squares, conference centers, security inspection sites, passenger and cargo ships, railway trains to store suspected explosive and dangerous goods, or transfer, transport explosive hazardous objects, can also be directly destroyed in the tank.



Bomb Suppression Blanket

Description:

1. The main material is aramid UD cloth and Aramid woven fabric. It can effectively prevent the cutting of fence and blanket by fragments after explosion. This makes the protective performance of the bomb suppression blanket greatly improved with double protection.
2. Structure composition of inner and outer fence: adhesive cloth, non-weft cloth and woven cloth after adhesive curing.
3. Blanket material: 1680D fire-retardant oxford cloth, which can effectively avoid the occurrence of open fire after explosion.



EOD/IED Solution

36-Piece Non-Magnetic Tool Kit

Description:

The 36-Piece Non-Magnetic Tool Kit is designed for bomb disposal applications. All tools are manufactured from beryllium copper alloy. It is an essential tool when the explosive disposal personnel take suspicious explosives apart in order to avoid producing sparks because of magnetism.

All tools are packed in a rugged duty fabric carrying case with non-magnetic fittings. The case has individual cutouts in foam trays provides an excellent tool control system which clearly shows if any tool is missing.



Advanced Hook and Line Kit

Description:

Advanced Hook and Line Kit is for Explosive Ordnance Disposal (EOD), Bomb Squad, and Special Operations procedures. The Kit features high quality components, stainless steel hooks, high-strength marine-grade pulleys, low-stretch high grade Kevlar Rope and other essential tools made specifically for Improvised Explosive Device (IED), remote movement and remote handling operations.



Mine Prodder

Description:

The mine prodder is made from Copper-beryllium alloy which is special non-magnetic materials for detecting underground or delivery goods that increases safety factor in detecting dangerous goods. No spark will be generated in a collision with metal. It's a simple tool for de-mining operators when breaching minefields or under-taking mine clearance work.



Anti-drone Solution

Portable Drone Detection And Jamming Station

Description:

The portable detection and control integrated box are equipped with a comprehensive drone management and control system. Through in-depth analysis and data mining of drone signals. The serial number, model, and location (longitude, latitude, and azimuth angle) of the drone within the monitoring range can be determined. Remote control position (latitude, longitude, azimuth) and other multi-dimensional information for monitoring. It also has the function of interfering with the frequency band used by drones, which can drive away drones or make forced landings, completely cutting off the connection between drones and remote controllers or ground stations to ensure the safety of low-altitude airspace in the area.



Specification:

Detection frequency bands	900M, 1.2G, 2.4G, 5.2G, 5.8G;
Detection distance	1-2km (depending on the environment)
Number of detections	≥5 sorties can be detected and tracked at the same time;
Positioning accuracy	≤10m
Deployment time	≤90s
Recognition response time	≤5s
Backend control mode	wired
Strike frequency bands	900M, 1.5G, 2.4G, 5.2G, 5.8G
Control distance	≤1.5km
Power supply	External 220V mains power; Built in 29.4V/33Ah lithium battery
Working hours	Test standby time of 24 hours, force landing working time of 70 minutes (continuous work)
Equipment size	65 * 50 * 32 cm
Equipment weight	36.6kg
Protection level	IP65

Anti-drone Solution

Drone Detection and Control System

Description:

The system consists of jamming equipment, detecting equipment and software controlling system. The detection system can detect the electromagnetic signal emitted by the UAV and simultaneously detect multiple targets within 5km. With unattended automatic defense function, the defense range for all-weather protection.

It can be used in all kinds of emergency scenes, security scene, important activity scene, airspace of confidential units and various places to prevent UAV from falling and wounding. By setting up in an appropriate position, a UAV protection area can be formed in the designated area, and the UAV cannot enter the area. It can set up 24-hour unattended no-fly zone.



Specification:

Detection frequency	433MHz, 900MHz, 2.4GHz, 5.2GHz, 5.8GHz.
Detection distance	≤5km (It's subject to the drone models and environment)
Blacklist and whitelist	Identify blacklist and whitelist drones
Jamming frequency	410MHZ-470MHZ, 830MHZ-940MHZ, 1180MHZ-1280MHZ, 1420MHZ-1460MHZ, 1555MHZ-1655MHZ, 2400MHZ-2485MHZ, 5150MHZ-5350MHZ, 5725MHZ-5850MHZ
Jamming distance	≤2km (It's subject to the drone models and environment)
Jamming mode	Expel and Force Landing
Detection and Jamming direction	omni-directional antennas
IP grade	IP66

Anti-drone Solution

Portable UAV Detection & Jamming system

Description:

The system has the function of detecting the orientation and model of the drone, and has the function of interfering with the frequency band used by the drone, which can drive the drone away or force the drone to land, and completely cut off the contact between the drone and the remote control or the ground station to ensure the safety of the low-altitude airspace in the region.



Features:

- Detection frequency: Dual frequency 2400~2485MHz, 5150~5950MHz
- Detection mode: Omnidirectional detection, Directional detection
- Operating frequency: 900~930MHz, 1550~1620MHz, 2400~2500MHz, 5715~5850MHz

Handheld UAV Detector

Description:

It is a handheld device equipped with GPS and UAV detection features. It can accurately detect mainstream brand UAVs, DIY UAVs, and FPV UAVs within its effective range through in-depth analysis of UAV signals and feature recognition. The device alerts through vibration and sound.

In the premium versions, It can identify mainstream UAVs and retrieve their type, SN code, and the locations of both the UAV and the pilot. It has a compact handheld design, making it easy to carry, and it operates automatically when powered on. The device features a large 4-inch color LCD display, versatile mapping capabilities, connectivity features, and flexible power options, enabling one-handed operation for optimal functionality.



Anti-drone Solution

3kW Intelligent Laser Anti-drone System

Description:

3KW intelligent laser anti-drone system, comprehensive use of high energy laser, electronic information, image processing and other technologies, to achieve intelligent recognition, high precision tracking, laser damage of far-field drone targets, balloons, birds, kites and other "low slow small" targets, to achieve rapid target disposal. The system can be deployed on a vehicle or fixed on the top of a building.



Specification:

High energy laser emission power	≥3kW
Beam quality M ²	≤1.5
Output fiber length	4m
Main aperture	50mm
Effective tracking distance	≥600m
Effective damage distance	100~400m
Damage time	5S ~ 15S
Ranging distance	≥500m
Target intelligent detection	Accuracy≥95%
Target tracking accuracy	≤15μrad (RMS)
Continuous laser emission time	≥120s
Azimuth angle range	-90° ~ +90°
Pitch angle range	-10° ~ +55°
Maximum tracking speed	60°/s

Anti-drone Solution

UAV Detection and Control System

Description:

The UAV Detection and Control system integrates detection and interference functions. It can detect illegal invading drones by analyzing their spectrum characteristics and Drone ID. It can interfere and block drone signals to force the drone to return or land, through electromagnetic suppression technology.



Features:

- Detection and interference 2-in-1: High integration, a single device can detect and interfere drones both.
- Long interference Distance: The max interference distance can reach to 3km.
- Ultra-long Battery Life: Equipped with large-capacity rechargeable battery
- Easy to Operate: Small size, light weight, easy to carry

Portable UAV Detection Station

Features:

- Black And White List: The same direction, the same frequency band, the same brand, and the same type of UAV can be listed in black and white.
- Portable Design: It comes in a suitcase form, making it highly portable and easy to carry around.



Specification:

- Detection Range: 5000m
- Working Duration: can work continuously for 4 hours under ideal conditions
- Waterproof Rating: IP65

Anti-drone Solution

Backpack Detection-Spoofing Device

Description:

Based on the man-portable deployment scenario, this integrated system combines RF detection and GNSS spoofing capabilities. With lightweight construction, effortless portability, intuitive operation, extended mission endurance, it is designed for reconnaissance units and special operations support, can be used in Squad Reconnaissance, Special Mission Support.

Advantages:

- 1.Satellite Navigation Signal Coverage: GPS L1C/A, BDS B1I, GLONASS L1,GALILEO E1(standard)
- 2.Defense Range: $\geq 2\text{km}$
- 3.Spoofing response time: $< 10\text{s}$
- 4.Battery life: 6 hours working, 12 hours standby
- 5.Product Dimensions: 300mmx220mmx80 mm
- 6.Product weigh: $\leq 4.5\text{kg}$
- 7.Portable Design
- 8.Lightweight
- 9.Easy to operate
- 10.Long Battery life



Fixed Navigation Spoofing Device

Description:

Fixed Navigation Spoofing Device covers all common frequencies, achieve forced landing, directional departure, heading guidance, and no fly control of unmanned aerial vehicle targets. Can be deployed in Transportation Hubs, Critical Facilities, Military Area.

Features:

- 1.Covers all common navigation frequencies: Satellite Navigation Signal Coverage
GPS/GLONASS/GALILEO/BDS/QZSS/CoverageIRNSS(21 point total)
- 2.Navigation Spoofing for Precision Control: Effective range 2-10km
- 3.Simultaneous Countermeasure Capability ≥ 200
- 4.Supports Device self-check and status reporting
- 5.Response time About 10s
- 6.24-hour autonomous operation
- 7.Multiple devices linked



Anti-terrorism Solution

Portable Intelligent Reconnaissance Robot

Description:

Portable intelligent reconnaissance robot is rugged, small and lightweight, perfect to carry on as a backpack. The robot survives dropping on ground and can be quickly deployed in narrow spaces, moving quietly and fast, equipped with cameras and pickups to collect real-time audio and video data of on-site environment, even in darkness.

Individuals can remotely manipulate the robot to certain places or dangerous areas while maintaining a safe distance, monitoring the place or target objects in real time, so as to make decisions and actions quickly.



Specification:

Size	276*255*120 mm
Weight	3.2 kg
Runtime	3 hours
Payload - Mobility Platform	4 kg
Mobility-Slope	Up to 40°
Mobility -Vertical Obstacles	Up to 180mm
Color Camera	2
Network Type	(iMesh)Wireless Ad Hoc Network

Anti-terrorism Solution

Self-propelled Reconnaissance Ball

Description:

The self-propelled reconnaissance ball is quickly deployed by hand-throwing, and when it lands, its spherical structure becomes a wheeled mobile structure. Capable of remote concealed observation and control,

Remote transmission of audio-visual information and situational awareness can be achieved in confined and dangerous spaces. Weight 840g, diameter 12cm, static reconnaissance time of 5 hours. Capable of night vision, micro sound eavesdropping, personnel and vehicle identification, and multi ball access.

Suitable for special operations tasks such as accompanying assault, etc. in urban street fighting, underground construction scenarios.



Specification:

Weight	840g
Moving speed	1.0m/s
External dimensions	12cm×12.5cm
Operating noise	56dB@1m
Pick up distance	60dB@5m
control mode	One controller to one device/one controller to multiple devices
Identification ability	Personnel and vehicle identification frame tracking
Remote control distance	50-100m @ indoor, 100-400m @ outdoor open space
Target detection distance	100 meters @ daytime; 10m @ night
Daytime work time	5h@Static ; 3.5h@movement
Night work time	3h@Static ; 2.5h@movement
Gradeability	16°
obstacle surmounting ability	2cm vertical height
Drop resistant height	2m high and 5m far
Camera field of view angle	80°
Pitch adjustment range	-5°~90°



Anti-terrorism Solution

Thrown Detective Robot

Description:

Thrown Robot is a small detective robot with light weight, low walking noise, strong and durable. It also takes into account the design requirements of low power consumption, high performance and portability. The two-wheeled detective robot platform has the advantages of simple structure, convenient control, flexible mobility and strong cross-country ability, The built-in high-definition image sensor, pickup and auxiliary light can effectively collect environmental information, realize remote visual combat command and day and night reconnaissance operations, with high reliability. The robot control terminal is ergonomically designed, compact and convenient, with complete functions, which can effectively improve the working efficiency of the command personnel.



Surveillance Ball

Description:

The Surveillance ball is a system specially designed for wireless real-time intelligence. The sensor is round in shape like a ball. It is rugged enough to survive a hit or knock and can be thrown to distant area where might be dangerous. Then it transmits real-time video and audio to monitor simultaneously. Operator is able to observe what is going on in hidden place without being at dangerous place. This system is applicable to policeman, military policeman and special operation force to take anti-terrorism action or maintain surveillance whether in city, countryside or outdoors.



Anti-terrorism Solution

Anti-terrorism Mute Electric Drill

Description:

The anti-terrorism Mute Electric Drill is a kind of advanced low-noise drilling equipment, police officers can drill holes in walls with mute electric drill without being found by criminals, then watch what's going on inside, to detect the movements of people in the next room.

It is conveniently carried in a three-defense box. During the anti-terrorism operations, monitor and know the indoor situation, it plays a vital role in guiding and implementing the work, the drilling operation was quickly deployed, and the interior conditions were monitored silently, the criminals in the room could not found it. The drill bit is installed in the guide sleeve mode, which can be adjusted arbitrarily by 0-420mm, and can be turned forward or reversed.



Under Door Camera

Description:

The under door camera can be used under a narrow slit of only a quarter of an inch. Users can get all the information in the room from the door. The blade of the camera is only 5mm, which is suitable for all types of door seams. It is a portable system integrating sound and video, which is convenient for users to control themselves. It can slide and bend left and right, observe the whole room from the ground up, observe the side position from the left and right angles, clearly pick up the sound and monitor the indoor sound.

The whole system is also equipped with infrared lighting source and camera, which can be used at night and day. It is also equipped with a high-sensitivity microphone for sound acquisition and monitoring, which can transmit video / audio to the display and other devices. The indoor image is played back to the TFT screen of the system.



Anti-terrorism Solution

Long Range Acoustic Device

Description:

Long range acoustic device is used to warn and disperse specific population by directional launch of super sound wave. It has a high degree of directional and strong sound output.

It can clearly send important information, instructions and warnings to 3km away. It can be applied for search, rescue, antiterrorism, anti-riot, and so on.



Portable Long Range Acoustic Device

Description:

The Portable Acoustic Device is a sound directional transmission device that can achieve long-distance voice announcements, warnings, and deterrence functions. It can transmit unusually clear sound effects over extremely long distances and even through certain buildings. It features high directivity, high sound intensity, and high clarity, ensuring the effectiveness and accuracy of long-distance sound transmission.



Specification:

Dimensions	275mm×200mm×270mm
Weight	9kg
Display	2.8-inch IPS liquid crystal display with full viewing angle
Noise Volume Adjustment Function	Supports adjusting the noise volume
Sound Level	At the maximum volume, the sound level of noise 1m in front of the device is 133dB(A); at the maximum volume, the sound level of noise 5m in front of the device is 120dB(A)
Maximum Sound Pressure Level	150dB

Intelligence Surveillance Solution

Multi-function Stereo Listening System

Description:

Multi-function Stereo Listening System analog sound signals (human voice, footsteps, other sounds). Due to the adoption of reflective low-noise DSP processing and amplification equipment, the signal is picked up by the left and right independent stereo sensors in the front end, and output after demodulation by the control processing unit in the back end, so the system can detect very slight sound.

The system can pick up sound through building walls, ceilings, floors, etc. An external sensor is connected to an audio amplifier that provides tactile volume control on the left and right channels, as well as external USB flash drive recording. It is the leader of the same kind of products by providing accurate, sensitive and high-definition listening effect and recording year and time. It can be heard through buildings such as walls, roofs and floors, as in places where hostages are being held.



Stereo Listening System

Description:

Stereo Listening Device is the most updated one in similar products nowadays, which can give listener the clearest audio information they are going to know. This is a special amplifier that will pick up the slightest noise through solid objects like a wall, so you can listen to what is happening on the other side. The contact microphone is a ceramic pin specially developed for converting vibration into audible noise. It has two powerful transducers together comprise an exceptional monitoring device. It is widely used in police, prison and intelligence department.



Intelligence Surveillance Solution

Laser Monitoring System

Description:

This monitoring system adopts the new third generation laser listening technology, which effectively overcome the problem of glass window's black hole and realize to observe the target through windows. It can restore the sound signal in fidelity by continuously detecting the small vibration of low voice and impedance target. It is suitable to be used in closed, semi-closed windows environment or open space to effectively listen to the person at a long distance.

Features:

- Working Distance: 30~300 meters
- Working Target: smaller acoustic impedance objects in being intercepted scene
- Max. incident angle of effective intercepting : $\geq \pm 30$ degree
- Minimum intensity of measuring sound : ≤ 55 dB
- Reduction rate : $\geq 98\%$



Handheld Multi-spectrum Night Vision

Description:

Handheld Multi-spectrum Night Vision consists of visible light lens, thermal imaging, laser light filling (invisible to the naked eye), BD / GPS module and electronic compass. It is suitable for field mobile investigation, hidden crouching, video recording and evidence collection. It can carry out day and night detection, feature recognition, hot spot tracking and local video recording of long-distance targets, and can also be synchronously transmitted to the back-end command center through WiFi / 4G modules in real time, providing strong support for the rear to make rapid and accurate decisions. The product has the characteristics of long range, hot spot tracking, clear imaging, zero illumination imaging, and rapid deployment.



Intelligence Surveillance Solution

Portable Laser Monitoring System

Description:

The portable laser monitoring system can collect nano-scale vibration information (caused by sound) of different items by laser under the condition of long distance and noisy environment, and then restore clear sound by algorithm.



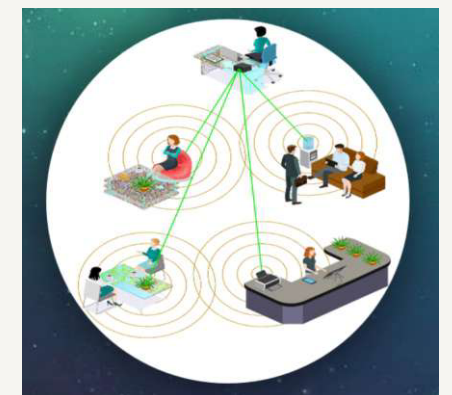
Specification:

Product model	HW-30
Pickup sound range	≤ 40 m
Main engine weight	1.2 kg
Operating temperature	-10°C~40°C
Power supply mode	AC220V/ Battery
Endurance time	6 h (under normal operating conditions)
Transmission mode	Wireless
Laser wavelength	1550nm
Recording mode	Audio and video synchronous recording
Pickup target	Whisper object
Camera sensor	2 mega pixel CMOS

Effective Medium

Best medium: carton, Paper box, Paper cup, Foam board, Plastic product

Second medium: KT billboard. Light color Nylon backpack



Intelligence Surveillance Solution

Portable Video Surveillance System

Description:

Portable Video Surveillance System is designed for long-distance day and night law enforcement and evidence collection in the field. It is suitable for temporary deployment and control in the field, hidden crouching, mobile investigation, and day and night evidence collection. The product integrates photoelectric turntable, infrared thermal imaging, visible light camera, telephoto lens, laser ranging, electronic compass and BD Positioning. Multi-spectral technology is adopted, which combines passive and active, ranging and latitude and longitude positioning.



Four-Eye Panoramic Night Vision Device

Description:

This product can provide users with more information in night vision environments and can quickly navigate through the OODA loop (observation, orientation, decision-making, action). The most prominent feature is the presence of four independent image intensifier tubes, with four independent objective lenses arranged in a panoramic direction. The two lenses in the middle point forward like traditional binocular night vision, providing users with more depth perception, while the other two lenses point slightly outward from the center to increase peripheral visibility. The two pipes on the right and the two pipes on the left are fused and stitched together at the eyepiece. The user sees two central images overlapping with two outer images, resulting in an unprecedented 120 ° field of view.



Intelligence Surveillance Solution

Handheld Digital Night Vision

Description:

This device is an excellent digital night vision device. Using advanced ultra-low illumination image sensor and image processing technology, it can truly restore image color and provide high definition image. Enable the user to see the target clearly. At the same time, the high-resolution display can present more details and enhance the observation effect. With photography, video and other functions, can meet the outdoor patrol in the law enforcement, forensics work.



Specification:

OLED display screen	Size	0.4inch
	Resolution Ratio	1027*768
	Color mode	Color, black and white, brown, green
CMOS Image sensor	Illuminance (minimum)	0.0001Lux
	Resolution ratio	1296*816
	Pixel	12μm
Objective lens	Focal length	27mm
	Lens f-number	1.2
	Work environment	-20℃ -40 ℃
	IP Grade	IP65

Multi-functional Thermal Imaging Telescope

Description:

The multi-functional thermal imaging telescope equips with a composite positioning module, digital electronic compass, laser range finder, laser indicator, and multi-functional meteorological sensing module. It can be used for all-weather target localization, reconnaissance, indication, ballistic calculation, and can also take photos and videos. It features abundant interfaces for building battlefield IoT (Internet of Things) capabilities.



Specification:

Thermal Image	Resolution	640*512
	Pixel Pitch	12μm
Laser Range Finding	Laser wave length	905nm
	Measurement range	10m-1.5Km
Positioning mode	BeiDou/ GPS/ GLONASS multi-mode	
Electronic Compass	Azimuth accuracy	1° (RMS)
	Pitch/Roll angle accuracy	0.5° (RMS)
Visible laser	520nm 30mw	
Working Time	Continuous working time ≥ 8 hours , @25℃	

Intelligence Surveillance Solution

Multi-functional Binocular

Description:

HW- IR213Z integrates infrared, low-light, visible light, and laser capabilities into one compact intelligent observation device. It features a built-in composite positioning module, high-precision digital electronic compass, long-range laser ranging, and all-in-one meteorological sensor module. It also has multi-spectral fusion functionality, suitable for all-weather target positioning, reconnaissance, guidance, optional ballistic calculation, and can capture photos and videos. With rich interfaces, it can be integrated into battlefield IoT systems.



Specification:

Image Mode	Full-color visible light	
	Thermal Image	
	Low-light	
	Infrared low-light fusion (Including highlighting, edge, blending)	
Visible Light	Resolution	1920*1080
	Working illuminance	≥0.1Lx (Black and white) ≥1.0Lx (Full color)
Thermal Image	Resolution	640*512
	Pixel Pitch	12μm
Low-light	Resolution	800*600 8μm
	Pixel Pitch	7.32°*5.86°
	FOV	800*600 8μm
Laser Range finding	Laser wavelength	1535nm
	Measurement range	30m-6Km (Vehicle)
Continuous working time	≥9 hours	

Intelligence Surveillance Solution

Long Range Day & Night Color Digital Camera

Description:

Long Range Day & Night Color Digital Camera is a newly developed device which can be used for full-color and full-hd video forensics under low-light condition at night.

The system adopts the portable integrated design of digital high-definition color video with very low intensity illumination (the color minimum illumination can reach 0.0001lux), variable-focus professional photographic lens with large aperture, 7 inches full HD touch screen, SSD hard disk video camera etc. The system can take true color motion pictures in very dark scene. Professional photography level large aperture zoom lens of 120-300mm can clearly distinguish faces and license plates at 200 meters away.



Handheld Laser Rangefinder

Description:

The handheld laser rangefinder is a new generation of military telescope style rangefinder that integrates modern electronic, optical, and laser technologies to accurately measure distance. It has the characteristics of small size, light weight, long measuring range, easy operation, low ranging error, good sealing performance, and high reliability.



Specification:

Minimum measuring range	40 meters
Effective range	not less than 6 km (for square or circular flat targets with an area of not less than 3x4 meters under standard visibility meteorological conditions).
Distance measurement accuracy	±0.5 meters (mean square error)
Dimensions	162x156x66mm
Weight	1kg

Intelligence Surveillance Solution

Vehicular Active Interception System

Description:

Vehicular active interception system is a vehicular solution that focus on voice & SMS interception and Location for target mobile phone under LTE/WCDMA/GSM network. This solution adopts the vehicle-mounted form and active working mode. When the target mobile phone is captured and registered to the system successfully, the system can be used to play role as Man-in-Middle and intercept communication content, call and SMS, of specified target. In addition, with individual positioning device, the precise positioning of the target can be implemented.



Active Portable Network Detection Device

Description:

The Active portable network detection device is a specialized tool designed for collecting IMSI information from mobile phone terminals operating on 4G LTE and 5G NR networks, as well as accurately locating specific targets. It finds extensive application in urban villages, buildings, entertainment and sports venues, traffic stations, and other relevant scenarios. This advanced device enables swift target acquisition and precise target positioning.



GSM PASSIVE INTERCEPTION SYSTEM

Description:

The system is a broadband fully passive GSM interception system. It is designed to record the entire traffic occurring between Base Transmitting Stations (BTS) and Mobile Stations (MS) located within the system's operational range. This means tens or even hundreds of simultaneous calls. The device allows user to scan, analyze, intercept, monitor or record short messages and phone calls from GSM mobiles, regardless of whether they are encrypted by A5/1 or A5/2 algorithm or not.

The system supports all GSM networks, including GSM 900Hz, DCS 1800Hz and EGSM. It is widely used in national departments and agencies such as Police, Public Safety, Procuratorates, Intelligence, etc., which plays a significant role in safeguarding national security and maintaining stability.



Emergency Rescue Solution

Mobile Signal Search And Rescue Payload System (Airborne Plane Detection)

Description:

The mobile signal search and rescue payload is an innovative airborne system that does not rely on the operator's public network base station to achieve mobile signal search technology. It recognizes and detects the signals of mobile phones and electronic terminals carried by personnel, counts the number and scale of personnel, and quickly narrows the search range to determine the target location. The compact appearance of this payload makes it very suitable for deployment on unmanned aerial vehicles to achieve rapid detection and search of visible or invisible targets in the air.



Specification:

Load weight	< 1kg
Positioning accuracy	≤ 15m
Maximum search speed	500m ² /s
Penetrating through dense jungle	≥ 10 meters
Coverage radius	≥ 200 meters

Radar Life Detector

Description:

The radar life detector is used for quick search of the survival life in the emergency scenes as earthquake disasters, landslides, etc. It can be widely used in emergency rescue missions in the armed police, firefighting, earthquake relief and other special industries, which effectively improve aid quality and efficiency.



Features:

- High penetrability
- Strong adaptability to environment
- High real-time performance
- High sensitivity
- Super professional support

Emergency Rescue Solution

Life Detector

Description:

The life detector is a high-definition professional video emergency assistance detection product, with delicate and clear images. The 7-inch touch monitoring screen can record, take photos, and replay in high definition, and supports 10x detail zoom. It also supports WiFi wireless transmission. The carbon fiber telescopic rod can be long or short, and the camera can rotate horizontally 360 degrees and vertically 270 degrees.

This product is mainly used in national land search and rescue bases, public security fire departments in various provinces and cities, emergency management bureaus, earthquake rescue teams, armed police, special police, and public security systems.



Specification:

Camera rotation	360 ° horizontal rotation, 270 ° vertical rotation
Light source	12 LEDs (adjustable for strong and weak lighting)
Illumination	0.0001Lux/F1.2
Camera size	36mm diameter
Length of telescopic pole	expansion about 5.15 meters, 1.38 meters after contraction
Display screen size	7-inch LCD touch screen
Display screen pixel	1280 × 800 px

Emergency Rescue Solution

Electric Quick Glass Breaker

Description:

The main body of Electric quick glass breaker is made of aluminum alloy and stainless steel. The impact cone is made of stainless steel and hard alloy. The surface is matte by sandblasting anodic oxidation. Used for breaking all kinds of toughened glass for vehicles, all toughened glass with thickness within 19mm, hollow toughened glass and laminated glass for car front file.

It has the advantages of safety, high efficiency, waterproof performance can reach IPX6 level, widely applicable to anti-terrorism, fire, rescue and other tasks.



Tactical Powered Ascending Device

Description:

Tactical powered ascending device can perform operations of vertical ascending, descending, and traversing along horizontal and inclined rope of standard specification as a set of personal lifter.

The operation is convenient, simple, reliable and safe even a single rope is adopted only. Military, police, urban rescuers and security personnel can easily ascend and descend in a safe, rapid and convenient manner by using the device, which is the optimal choice to access the positions quickly where is impossible to access in other manners.



Features:

- Anti-terrorism action
- Sauvetage incendie
- Urban rescue
- Mountain search and city rescue

Remote Water Rescue Robot

Description:

The equipment incorporates UVA technology, water robot lifesaving technology, GPS and Beidou dual-positioning technology. It not only realizes the rapid and accurate lifesaving, but also realizes the double-sided lifesaving and automatic return. This device can deal with complex and harsh rescue environment while effectively reduce the work injury of rescue workers.



Emergency Rescue Solution

Underwater ROV

Description:

It is a professional underwater ROV designed for professional users and industrial applications. It has 8 Vectored Thrusters layout which allows OMNI movement in all directions. The Maximum speed is 3 Knots, depth is 150 meters (490 FT) and the maximum horizontal radius is 400meters (1300FT). It supports AC and battery hybrid power supply to achieve unlimited battery life. Not only compatible with sophisticated attachments such as Grabber Claw, Floodlight and laser scaler etc., but also compatible with Control Console (High-brightness Screen), Docking station, USBL underwater positioning, 700Wh battery, Multibeam sonar, Auxiliary Camera and other HWM-2 Exclusive Enhanced Accessories. It offers a built-in 4K/ 1200p and 12 megapixel EIS image stabilization camera, 4000 lumen LED lights, removable battery and removable Micro SD memory card. The aluminum alloy compact body (weighs less than 6KG / 13lbs) allows single person operation and Quick-Deployment in 3 minutes.



Portable Tethered Lighting Drone System

Features:

- Basic version emergency lighting;
- One handed remote control operation, no need for professional pilots;
- Portable and supports individual operation.

Specification:

- LED lighting power: 570W;
- Luminous flux: 60000lm;
- Flight altitude: 30m, single machine illumination of about 6000m²;
- Protection level: IP54 ;
- Working environment temperature:- 20°C~+60°C ;
- Symmetrical motor wheelbase: approximately 350mm;
- Drone weight (including functional components): ≤ 1kg ;
- Continuous flight lighting duration (with guaranteed power): 100h;
- Rotation angle of lamp group:- 90°~+90° ;
- Quickly complete deployment in 3 minutes. Supports wired remote control function, which can prevent interference and countermeasures in 2.4G/5.8G frequency bands.



Emergency Rescue Solution

Laser Breaking Device

Description:

This tool is used for breaking down targets made of steel plate/aluminum plate/steel bar/color steel tile/tree/plastic/ice within 500 meters. According to the target distance setting, equipment can precisely focus the high-energy laser beam to the target point for burning, piercing or cutting, which is applicable to urban rescue, vehicle traffic accident rescue, earthquake and geological disaster rescue, snow and ice disaster rescue and other rescue operations.



Specification:

Peak laser wavelength	1080±3nm
Beam quality	≤1.2M ²
Laser output power	1000/1450w
Function Distance	≤500m
Laser Spot	≤1.5mm@10m;≤3mm@50m;≤5mm@100m
Weight of Main Unit	≤24/26kg
Power Unit Capacity	≥5500Wh
Power Supply Output Voltage	96 V
Oxygen Pressure	0.4-0.6MPa
Armor Cable Length	≥5m
Laser Time-Delay Control	0-100Ms
Zooming	-8~+8mm
Breakthrough Speed @1000W	Q235 Steel Plate:≥40mm/min@T10m; Rebar:≤60s@Φ20mm;
Breakthrough Speed @1500W	Q235 Steel Plate:≥80mm/min@T10m; Rebar:≤30s@Φ20mm;
Lens Caliber	>65mm



Emergency Rescue Solution

Portable Mobile Light

Description:

The portable mobile light is made of all aluminum alloy material through precision processing, accompanied by good waterproof technology. It is wear-resistant, waterproof, dustproof, anti-static, impact resistant, and corrosion-resistant. Suitable for night patrols by public security and traffic police, night security duty, anti-terrorism and stability maintenance, fire fighting, flood prevention and control, power industry repair, pipeline maintenance, petrochemical enterprise night field operations, cargo yard loading and unloading, accident repair, high brightness lighting for railway construction lights, and providing mobile lighting for other work sites.



Backpack Mobile Lighting Energy Storage System

Description:

The Backpack Mobile Lighting Energy Storage System is a multifunctional product that integrates lighting, energy storage, and backpack storage. It is widely used in various outdoor sites such as public security, firefighting, emergency, power, and railways, and provides high-power lighting and power supply for the site. Compact in size, lightweight, and can be carried and pulled, suitable for rapid deployment and operation by individual soldiers. The lighting part of the lamp head can be manually raised to a height of 2.2 meters, with a maximum power of up to 100W, which can meet the lighting needs of hundreds of square meters; The power supply section stores up to 1 kilowatt hour of electricity, with a maximum output of 1000W, which can meet the emergency power supply needs of most electronic products on site; At the same time, it also comes with a backpack function, which can provide loading function for various temporary tools applicable on site. The entire product is formed using fire-resistant plastic technology, which is lightweight, highly reliable, and waterproof and dustproof, and can adapt to various complex environments.



Forensic Solution

Forensic Workstation

Description:

Forensic Workstation is a high power, great value forensic platform for all professional forensic investigators. This Digital Forensic System was designed with today's forensic investigator in mind; it combines a high-speed multi-core processor and ultra-fast memory with a high performance SSD to give you the most performance at a great value. All of our Forensic Systems are user friendly, and support all Windows based forensic platforms.



Video Forensic Analysis System

Description:

The Video Forensics Analysis System is a fully functional videos forensic analysis system aimed at retrieving the loss of data caused by all kinds of wrong operations such as the deleting, damaging or formatting of videos.

This system can be applied to DVR and NVR of all brands, and to the use of rebuilding and extracting data of many video formats, analyzing the distribution of the data fragments on the disk image, available for analysis both on the scene and in the laboratory.

This product can ensure the smooth process of recovering and analyzing video data within different brands' disk video recorders under many conditions, enabling one to extract data precisely through different sub-channels/channels and points of time, and rebuild the whole disk fragments with great accuracy and efficiency.





Forensic Solution

Portable Mobile Forensic Lab

Description:

Portable Mobile Forensics Lab is the complete ready-to-use and highly customized mobile forensic solution for field and in-lab usage.

Designed for portability, Portable Mobile Forensics Lab is a unique mobile solution. It can be your filed laboratory that is always at hand. No additional installation or settings are required. All you need to do is to switch the power on, choose a cable from the cable set, run Oxygen Forensic Software and connect a device. In comparison with other forensic hardware, Portable Mobile Forensics Lab allows not only to extract data from the device but also to create reports and analyze data right in the field. Extractions can then be brought to the forensic lab for printing and using as a reference or in the courtroom.



Forensic Duplicator

Description:

The all-in-one copy and read-only machine is a high-tech judicial evidence copying equipment that is compact and portable, which has high functional integration, efficient use and excellent performance. It has reasonable design, compact structure, stable functions, powerful performance, compatible with common types of storage media.

Maximum single-task end-to-end data transmission speed is not less than 40GB/MIN, built-in disk cloning, mirroring, data shredding, hash verification and several major functional modules such as online mounting, it perfectly meets the needs of judicial evidence collection.



Criminal Investigation Solution

Ultra-wide Spectrum Forensic Camera

Description:

This product adopts a super large scientific research level image transmission sensor. With a spectral response range of 150nm-1100nm, the system can conduct a wide range search and HD recording of fingerprints, palm prints, blood stains, urine, spermatozoa, DNA traces, exfoliated cells and other organisms on various objects. It has extremely high sensitivity and super week trace detection ability. With the reagent developed exclusively, the system breaks through the traditional ultra-wide spectrum of the object restrictions, permeability objects and rough surface can also be search and photographed.



Multi-Band Uniform Light Source

Description:

Multi-Band Uniform Light Source is a basic light source that can emit full spectrum white light, combined with a set of special filters, to obtain multiple monochromatic radiation electric light sources through the adjustment of the filters. The filter system is a set of high-quality band-pass interference filters, and the filtered multi-color light can conveniently search and inspect on-site physical evidence, as well as provide photographic light distribution.



Suspicious Scene Footprint Capture System

Description:

The footprint capture system is a set of footprint image acquisition system specially used for flat surface. Summary of the reality of the scene of the concentration of a variety of difficult footprints, such as the background pattern submerged footprints, high reflective surface footprints, as well as many visible but not photographed footprints. This device adopts unique technology and high-definition imported imaging components, so that most of the common and difficult footprints can be clearly displayed.

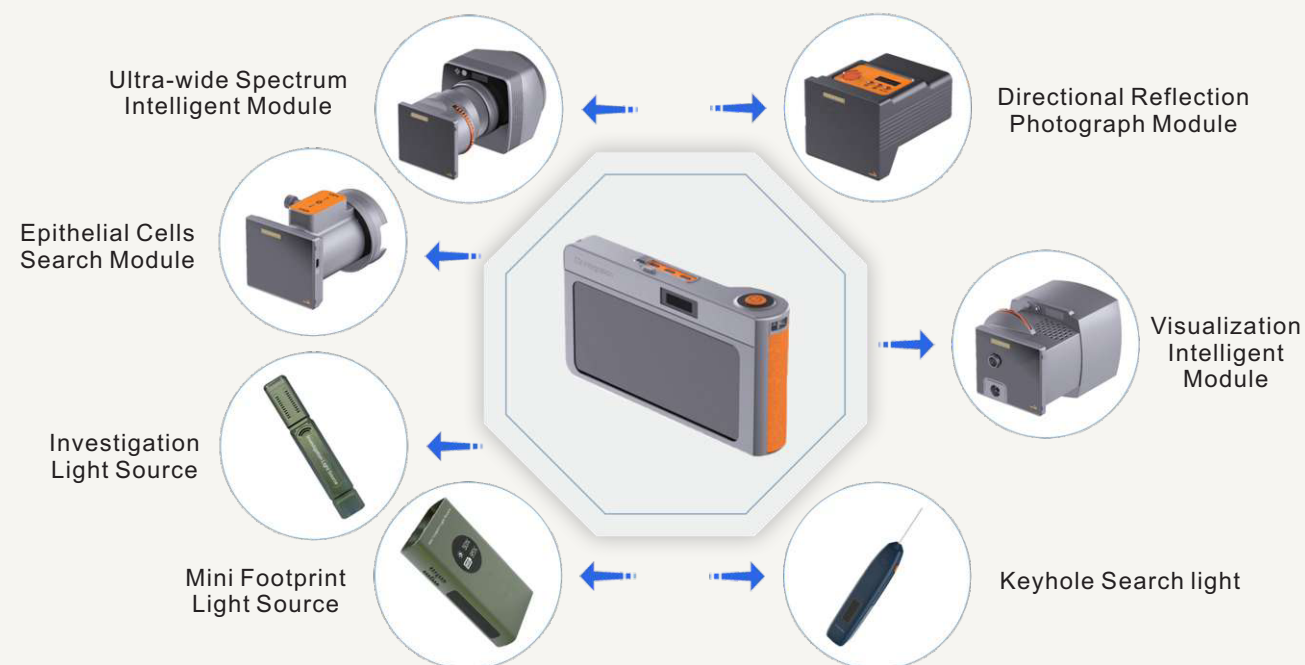




Crime Scene Investigation Integration

Description:

This is a new multi-function integrated equipment designed for intelligent field surveys. Integrate four intelligent modules and three accessories, catering to a diverse array of requirements including fundamental scene investigation light, footprint search, keyhole search, extended-range search, close photography, as well as the examination of fingerprints, footprints, blood, body fluid stains, and shed cells encompassing a wide spectrum of physical evidence objects. Users may customize various combinations to satisfy their specific needs, thus fulfilling their comprehensive on-site investigation requirements.



► System Host

1.The host and each functional module adopt a detachable split type, and different functional modules can be changed according to different usage requirements.

2.Forensics software: The host is equipped with a built-in exclusive forensics software (non-third-party software) APP. which controls and interfaces with all functional modules. When used in conjunction with each module, the host can automatically display the application name and corresponding function operation of the functional module.

► Ultra-wide Spectrum Intelligent Module

Long-range non-destructive large-area search for hand prints, near-range non-destructive recording, extraction of fingerprint background on complex surfaces such as banknotes and magazines, and discovery of potential blood traces.

► Epithelial Cells Search Module

Continuous magnification for lossless search display is achievable, allowing for large-magnification observation and small-magnification real-time extraction. It can realize the wireless separation of the module and the host.0-100, 100-500 magnification

► Directional Reflection Photograph Module

Non-permeable objects such as paint surfaces, mobile phone surfaces, cards, etc., for non-destructive display of latent fingerprints and background extraction.

► Visualization Intelligent Module

Non-destructive laser visualization of various challenging material evidence. such as latent hand marks, body fluid marks, and other biological material evidence (Applicable to all types of material inspection)

► Investigation Light Source

Small light weight, uniform beam, and ultra-wide light

► Mini Footprint Light Source

Dust footprint search location, photograph, record

► Keyhole Search light

For the observation and judgment of traces or foreign bodies within the deep interior of the lock core or narrow gap micro holes, a high -definition record is made.

Criminal Investigation Solution

Ultra-wide Spectrum Intelligent System

Description:

Autofocus Spectroscopic Objective
Long Distance & Wide Range Search
LED Multispectral Light Source
Exclusive Image Processing Software
Close Up Fingerprint Shooting
Real Time Sending Platform Comparison



Features :

- Integrated Design
- Full-spectrum CCD
- LED Multispectral Light Source 254nm UVB, 365nm UVA and 865nm-infrared Source luminaire
- Long distance large-scale fingerprint search
- Non-destructive search discovery, adding an electronic scale bar, adjusting image contrast, fixing shooting records
- Complex background deduction
- Real-time uploading, comparison, and investigation on ministerial-level platforms



Criminal Investigation Solution

Visualization Intelligent System

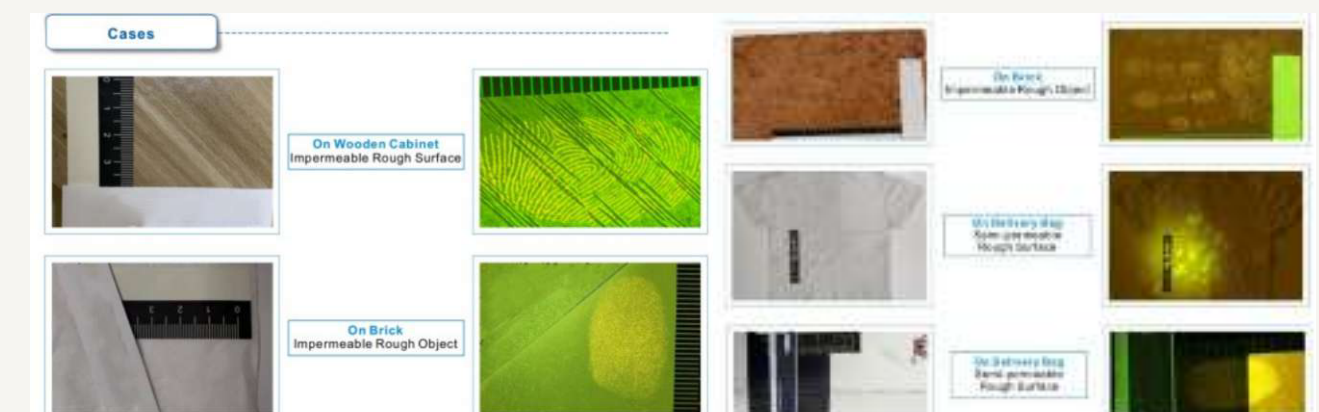
Features:

- All Types of Objects (Latent Prints)
- Fluorescence Effect of Old Inspection Material
- Dust Fingerprint Photography



Specification:

Lossless Cold Fumigation	1) Physical Adsorption
	2) Nanoscale Reagent Gas
	3) Non-toxic, Harmless & Odorless
Fingerprints & Biometric evidence	Blue laser: Fingerprints and biological fluids
	Green laser: Show evidence that has been chemically treated
LED Grazing Light	White, 600nm, 633nm
Dark-Field Laser Shooting	Protect eyes
	Windproof, block visible light
	Prevent activation overheating from affecting physical evidence
Weight & Size	(1) Module Weight: 900g Size: 106*105*143mm
	(2) Whole Weight: 1650g Size: 195*105*162mm



Epithelial Cells Intelligent System

Features:

- Optical Spectral Mode & High Purity Laser Module
- Auto-focusing, Macroscopic & Microscopic Imaging Modules. Magnification 0-100x 100 ~ 500x
- Adopt cable / wireless dual search mode: module direct connection host or off-host wireless connection use



Specification:

Module Weight	508g
Module Size	93*133*80mm
Whole Weight	1265g
Whole Size	196*153*100mm
Optical System	0-100x, 100-500x Magnification
	Optical Field of View: 1mm-40mm
	Optical Spectral Imaging Resolution: 2240*1080
Forensic Aids	Extraction Kit
Visualized Window Display	6 inch Touch Screen
	Image Editing System
Excitation Light Source	45nm Laser Light Source: 10W
	365nm LED Light Source: 10W
	LED White Light: 10W
	LED Yellow Light: 10W
DNA cell Nucleus Staining Reagent	Staining Source: Human Body Shed Trace Cells
	Dyeing Time: 2-15 seconds
	Imaging: 445nm Fluorescence Color
Observation	Microscopic Magnification Imaging



Criminal Investigation Solution

Investigation Light Source

Description:

This product has the characteristics of small size and light weigh, uniform beam, and ultra-wide light, equipped with a 360 degree rotation waist clip, which can be fixed on the waist belt. There is no need to carry a heavy light source box to and from the crime scene. The waist clip can fix the projection angle, free your hands during onsite survey lighting, and is easy to fit together and take down. It also can be used as a footprint search light source when placed flat on the ground.



Specification:

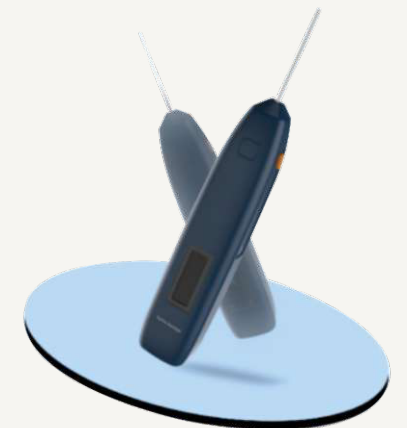
Material	Aircraft Grade Aluminum Alloy
Net Weight	300g
Size	177.4* 33* 33mm
Charging Port	Type-C(5V, 2A)
Function	Strong (1 meter illumination 15000LX)/ Medium /Weak
Switch	Long press to power on
Lithium Battery	5000mAh
Charging Time	<4H
Accessories	1.360 Degree Rotation Waist Clip (Fixed Projection Angle)
	2.Polarizing Mirror

Criminal Investigation Solution

Keyhole Searchlight

Description:

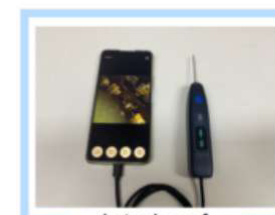
Using the integrated design of miniature straight rod probe (with light source) and endoscopic camera. It is a forensic equipment specially developed for observing and recording internal structures in narrow gaps or micro holes. The device is compatible with any Android phone and tablet, and is equipped with exclusive APP control. It adopts a combination of high-definition endoscopic camera and front light source. It is practical and small in size, easy to carry and operate, can be used anytime and anywhere. It can display the real structure details inside the object with clear image.



Specification:

Usage Method	Connect to the Android Mobile Phone or Tablet
LCD	0.91 inch(Liquid Crystal Display)
Lighting Source	At the Front End of the Endoscope Lens (Micro LED Lighting Source)
5 Levels	20%, 40%, 60%, 80%, 100%
Design	Retractable
Cable Length	80cm
Dimension	28mm*26mm*26mm
Weight	100g

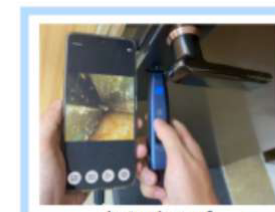
Application Effect



Interior of Host



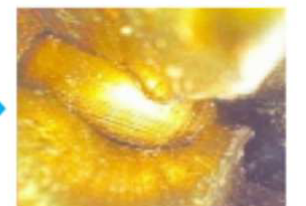
Interior of Precise Instrument



Interior of Keyhole



Interior of Keyhole



Criminal Investigation Solution

Mini Footprint Light Source

Description:

The shape is compact and portable as small as a mobile phone and the size, and weight are only one-fifth of the traditional one. It is especially suitable for on-site investigation personnel to carry and use. It can be used as a light source for footprint / trace search and investigation and a power bank. It adopts "Quartz Glass Convex Lens" + "Photosensitive Coating" technology. The output light source is a fan-shaped grazing incident light and the beam is flat and uniform. The grazing incident light irradiation can significantly increase the reflected light brightness of the object (diffuse reflection material), and enhance the three-dimensional effect of the object (such as the ground) and the dust footprint inspection material. It is also applicable to the discovery of dust and other physical evidence on various objects.



Ten-level Dimming

Long Battery Life: 90 minutes



Size: 14cm*8cm*2cm

Weight: 400g



Pocket Mini Design

All-in-one Design(Footprint & Trace Search, Power Bank)

Application



Criminal Investigation Solution

Multi-functional Evidence Light Source

Description:

All types refer to palm print laser display, DNA biological trace laser display, biological evidence search and discovery, dust footprint search and discovery, uniform light on-site investigation and search can meet all the basic functions commonly needed for on-site investigation. Small and portable, collection of gun visualization, laser biological evidence, multi-band light source, footprint search light source, exploration search light source and other equipment application functions, multi-energy significance.



Features:

• Six-band Laser module

Blue laser, green laser, UVA/UVB, IR, Synthetic laser (blue & green laser)

• Survey Laser module

Footprint search wide light (footprint search / photo) Trace search wide light (trace search / photo)

• Photography and photo recording

Magnetic suction multi-band filter combination and a polarizing mirror Dual-band integrated mobile phone filter

• Electric reagent atomization

Electric reagent atomizing components (for full types Inspection material)



Intelligent Firearms Storage System

Intelligent Firearms Lockers

Features:

- **Abundant computing power**

Industry leading artificial intelligence chip, quad core 64 bit Cortex-A55, with a main frequency of 2.0GHz.

0.8T computing power GPU with built-in deep learning framework.

Meet the human-machine collaboration needs in various scenarios.

- **Stable and reliable**

More than 100000 systems have been sold and are currently in use, with intelligent door locks, intelligent magazine locks, and other unlocking systems having a lifespan of over 200000 times.

- **Focus on practical combat**

Adopting dual face recognition technology, the gun retrieval and return operation can be completed in 1 second, which accelerates the speed of gun retrieval and enhances the formation of combat effectiveness.

- **Advanced algorithm**

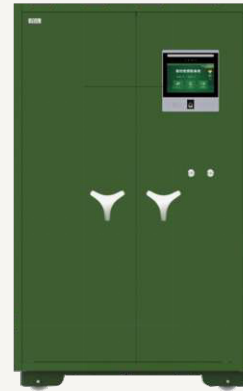
A facial recognition algorithm with better industry recognition rate.

A fast liveness detection algorithm based on global statistical features.

Automatic facial tracking algorithm.

The industry's leading quantitative emotion accurate recognition algorithm.

Fully tap into the potential of top computing chips.



Laboratory Construction

Explosive Search And Disposal Laboratory



Description:

The solution for the search and disposal laboratory aims to further strengthen the emergency response and practical combat capabilities of the public security special police team, maximize the support and guarantee role of special equipment in responding to various urgent, difficult, and dangerous tasks, improve the proficiency and compatibility of the team and equipment, integrate modern cutting-edge high-tech methods, and combine peacetime and wartime, effectively enhancing the ability and level of special police members to use search and disposal equipment, and providing more solid technical support for the proper handling and response to various emergencies.

Application scenarios:

Suitable for providing convenient conditions for the disposal of suspected explosives by public security organs at the scene, and providing advanced equipment and equipment for combat departments to combine local actual situations and needs.

Laboratory Construction

Electronic Evidence Laboratory



Description:

With the continuous progress of society and the rapid development of science and technology, electronic material evidence plays an increasingly important role in modern criminal justice. The construction of electronic evidence laboratory conforming to the standard is very important to safeguard judicial justice and improve the ability of evidence collection and identification.



Application scenarios:

Suitable for providing technical support for public security organs to handle criminal cases, in order to adapt to the needs of criminal investigation in the new situation, the construction of electronic evidence laboratories aims to improve the technical means and level of criminal investigation, ensure the normal investigation of criminal cases and judicial procedures.

Laboratory Construction

Criminal Technology Laboratory



Description:

Only by comprehensively emphasizing the strengthening of criminal science and technology can we better meet the needs of criminal case investigation and trial work. Specifically, this compulsory course for public security talent cultivation mainly involves on-site investigation, discovery, extraction, inspection and appraisal of physical evidence, and other aspects, reflecting strong practical characteristics. We must start from reality to ensure the further improvement of criminal technology experimental teaching and management, with a focus on achieving standardized construction of criminal technology laboratories based on our own characteristics.

Designed with the principles of environmental protection, conservation, practicality, and advanced design. The criminal technology room is divided into: physical evidence room, forensic room, imaging room, fingerprint room, fumigation room, drug room, document inspection room, trace inspection room, archive room, and waiting room.

Laboratory Construction

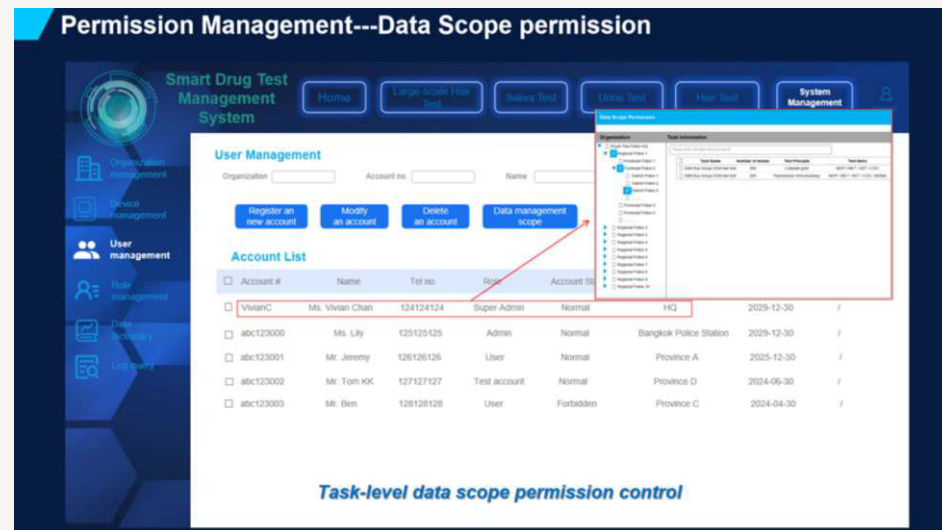
Criminal Technology Laboratory



Application scenarios:

Applicable to providing technical support for the handling of criminal cases by public security organs, and providing advanced equipment and equipment for practical departments based on the actual situation and needs of the scene.

Smart Anti-drug Testing Management System



Our Solution:

- Saliva drug test
- Large-scale Hair Drug Test
- Suspicious Person Testing
- Routine Law Enforcement Test