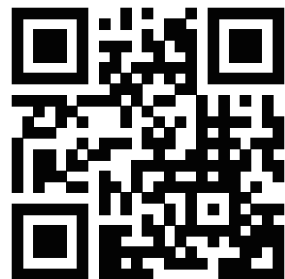




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# LSJ TECHNOLOGY DEVELOPMENT CO., LTD.

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A SEARCH AND RESCUE AND FIREFIGHTING  
EQUIPMENT MANUFACTURER SINCE 2010

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## COMPANY INTRODUCTION

Beijing LSJ Technology Development Co., Ltd., a high-tech manufacturing enterprise, is dedicated to the research and development, production, and sales of emergency rescue, military and police anti-terrorism, and other fields. The company's mission is to convert China's leading scientific research achievements into advanced equipment with practical value. With its high-quality products, cutting-edge technology, and excellent service, the company has become a leading brand in emergency rescue, boasting market influence and a strong user reputation.



The company has established a research and development team with a solid theoretical foundation and rich practical experience. It has conducted in-depth research in areas such as ultra-wideband radar, wireless real-time navigation and positioning, and photo-electricity detection. Currently, the company has applied for more than 70 patents and has independently developed numerous pieces of emergency rescue equipment that have reached the international advanced level. These include the Three-Dimensional Wall-Penetrating Radar Life Detector, Array Microseismic Life Detector, Box-Type Audio And Video Life Detector, Thermal Imaging Camera For Firefighter, Miniature Thermal Imaging Camera For Firefighter, Composite Thermal Imaging Camera For Firefighter, Portable Amphibious AC Voltage Detector, Military Poison Detector, Wireless Composite Gas Detector, Electronic Meteorograph, Multimode Composite Radar Life Detector, Radar Life Detector, Nuclear Radiation Detector, Building Deformation And Displacement Monitoring Radar, Laser Displacement Monitor, and Intelligent Detection Cloud Platform, among other cutting-edge core products.

## 2010

Incorporation  
Of The Company

## 2013

Our Company Put Its  
First Independently  
Developed And Pro-  
duced Radar Life  
Detector On The  
Market

## 400 Million

Currently, The Compa-  
ny's Annual Revenue Is  
Over 400 Million

## 2024

Has Been Developing  
Business In The Middle  
East, Southeast Asia,  
And The Americas

Founded in 2010, our company put its first independently developed and produced radar life detector on the market in 2013. After years of in-depth exploration in the industry and technological innovation, the company has always adhered to the business objective of "Creating A Brand And Seeking Excellence", and has been steadily moving forward with a down-to-earth and practical attitude. Adhering to the corporate culture of "Mutual Development And Shared Benefits" and advanced rescue concepts, the company, through independent research and development, is committed to building and continuously improving the rescue system. This system combines rescuers, rescue equipment, and carrying platforms, and the company makes every effort to provide customers with high-quality rescue programs and professional after-sales service.

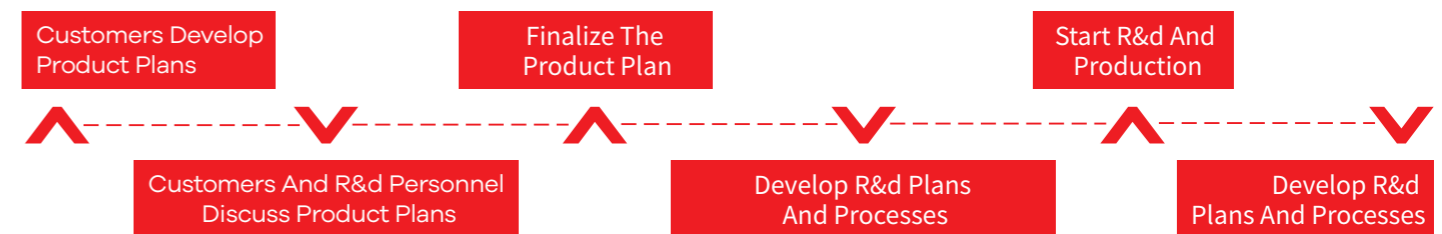


Currently, the company's annual revenue is over 400 million, it ranks first in market share in China's emergency rescue detection equipment market. The company, actively expanding into the international market since 2024, has been developing business in the Middle East, southeast Asia, and the Americas. We now invite global partners to join us for mutual development and to actively negotiate cooperation matters.



## R&d And Production Capabilities

### Customization service

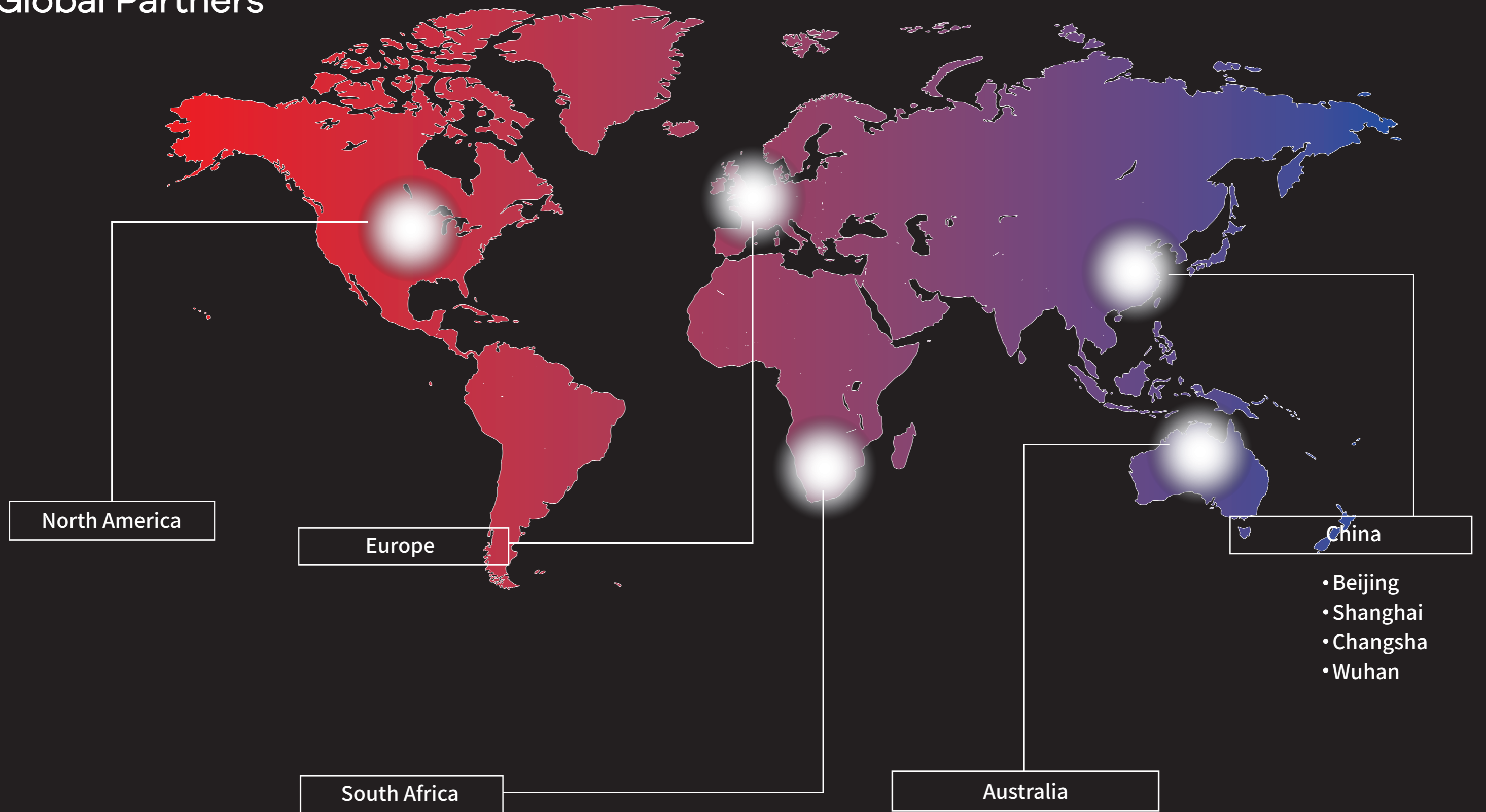


## High-precision and Advanced R&D Facilities

- UWB professional design laboratory with an area of 4,000 square meters.
- A compact anechoic chamber, introducing the Russian timetime-domain measurement system AMCCC.
- Several other models of vector network analyzers, spectrum analyzers, high-speed digital sampling oscilloscopes, etc.
- Agilent E8363B PNA series vector network analyzer, E8363B highest frequency range 40GHz. Tektronix TDS5104 high-performance sampling oscilloscope TDS5194 highest sampling rate 5GSa/s sampling bandwidth 1GHz.
- Agilent infiniium DSO81204a digital sampling oscilloscope DSO81204A highest sampling rate 40GSa/s sampling bandwidth 12GHz.



# Global Partners



# Development History

Our products, designed by integrating practical experience, play an important role in many rescue mission. They have been widely used in major disasters and accidents, such as the 2013 Ya'an earthquake, the 2015 Shenzhen Guangming New District landslide, the 2020 Fujian Quanzhou hotel collapse, the 2022 Changsha, Hunan building collapse, the 2022 Sichuan Luding earthquake, the 2023 Turkey 7.8 magnitude earthquake rescue, the 2024 Gansu Jishishan earthquake, and the 2024 Yunnan Zhenxiong landslide. The company has played a key role in these major disasters and accidents and has received widespread acclaim from customers.



YA'AN EARTHQUAKE

2013



FUJIAN QUANZHOU HOTEL COLLAPSE

2020

SHENZHEN GUANGMING NEW DISTRICT LANDSLIDE

2015

CHANGSHA HUNAN BUILDING COLLAPSE

2022



TURKEY 7.8 MAGNITUDE EARTHQUAKE RESCUE

2023



2024 YUNNAN ZHENXIONG LANDSLIDE

2024



Sichuan Luding Earthquake

2022

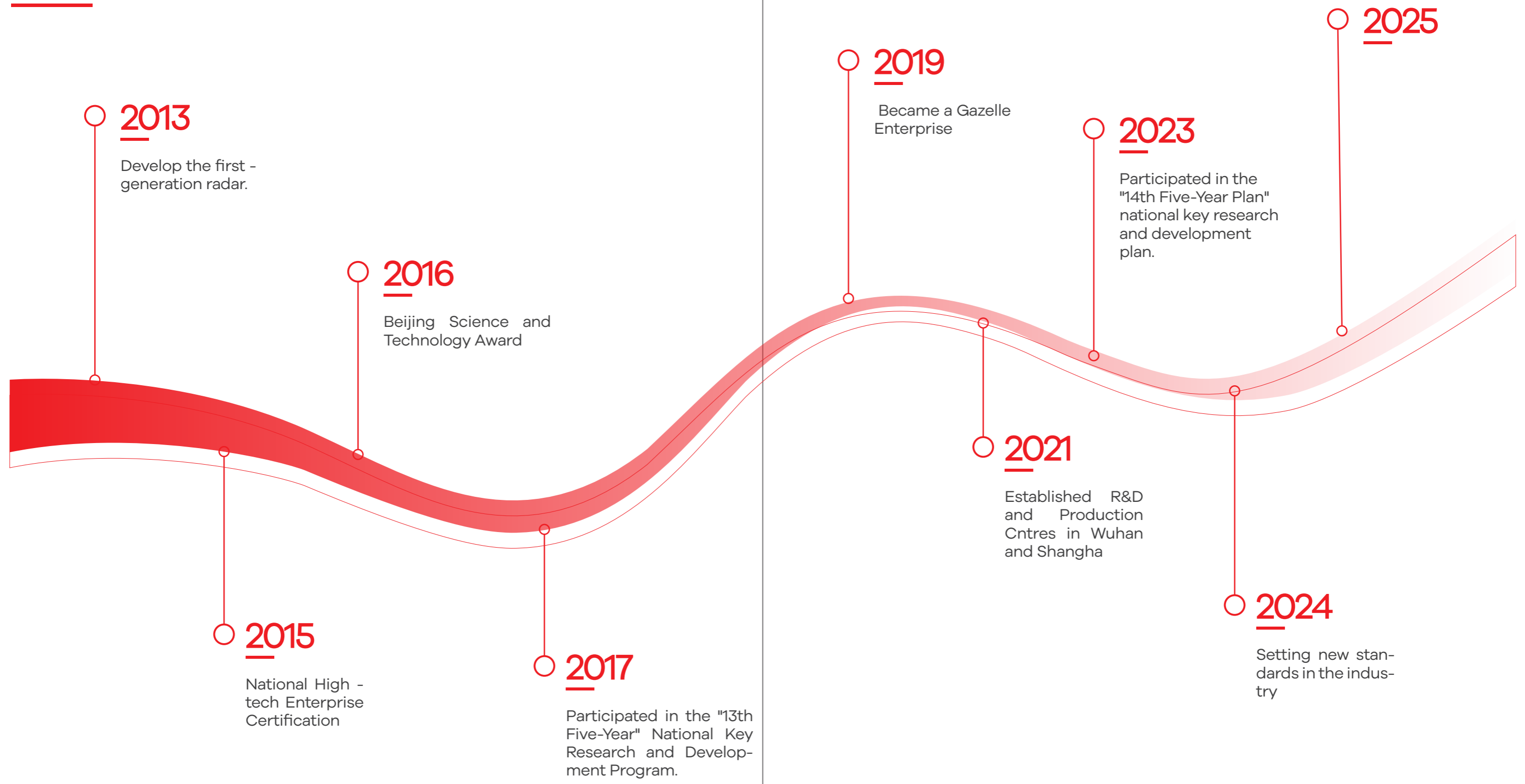
2024 GANSU JISHISHAN EARTHQUAKE



2024



# Development History



## Radar Life Detector

Radar life detector is a high-resolution detector based on UWB (Ultra-Wide Band) technology, a high-tech professional equipment specially designed for disaster rescue such as earthquakes, avalanches, and building collapses. It has the functions of long-distance and non-contact detection and positioning of living bodies, real-time acquisition of the two-dimensional coordinates of living bodies, global scanning, and intelligent target recognition. It adopts a box-type integrated design, which is portable, easy to operate, accurate in positioning, and has strong penetration of the medium-coupled enhanced antenna. It also has functions such as automatic medium compensation for anti-interference, IP67 protection level, three-axis shock resistance, and intrinsically safe explosion-proof design, adapting to various harsh environments.



### Product Features:

- **Integrated Design:** Toolbox-type integrated design, convenient for carrying and operation.
- **Two-dimensional Positioning Function:** Real-time acquisition of the two-dimensional coordinates of living bodies.
- **Real-time Observation:** It has a dual-screen synchronous observation function for easy monitoring.
- **Global Scanning:** It has a global real-time scanning function and can be quickly displayed.
- **High Precision:** UWB pulse signal has high resolution and high accuracy, and accurate positioning.
- **Intelligent Recognition:** Intelligent target recognition, automatic recognition and judgment of human targets, with low false alarm rate.
- **Strong Penetration:** Medium-coupled enhanced antenna technology, strong penetration.
- **Strong Anti-interference:** Automatic medium compensation function, strong anti-interference ability.
- **Sturdy and Durable:** IP67 protection level, three-axis shock resistance, adapting to harsh environments.
- **Explosion-proof Design:** Intrinsically safe explosion-proof design, safe and reliable, providing guarantee.

## Three-Dimensional Wall-Penetrating Radar Life Detector

Three-dimensional wall-penetrating radar life detector is a professional equipment that is small in size, light in weight, and portable for a single soldier. It uses MIMO (Multiple-Input Multiple-Output) ultra-wideband radar technology to achieve accurate detection. It has the functions of penetrating wall ruins to detect vital signs, three-dimensional positioning imaging, identifying postures, real-time positioning of multiple targets, and all-wireless connection. It is mainly used in scenarios such as anti-terrorism and stability maintenance, street fighting reconnaissance, and can provide efficient and accurate detection support for special tasks.



### Product Features:

- **Accurate Positioning:** It adopts MIMO (Multiple-Input Multiple-Output) ultra-wideband radar technology and, based on the Doppler effect, accurately positions the target.
- **High Professionalism:** It is a single-soldier radar, specifically used for tasks such as anti-terrorism, stability maintenance, and street fighting reconnaissance, accurately detecting targets.
- **Three-dimensional Positioning Imaging:** It can identify the standing, sitting, squatting, and other posture information of the target.
- **Real-time Positioning:** It has the function of real-time positioning of dynamic and static multiple targets and can display information such as the number, status, and position of the targets.
- **Easy to Operate:** The human-computer interactive interface is clear and intuitive, and the operation of the control terminal is safe and flexible.
- **Small Size and Light Weight:** Equipped with a pull-rod pulley explosion-proof box, it is convenient to carry and suitable for single-soldier operations.
- **Quick Deployment:** It supports two-handed holding operation or supplemented by a retractable tripod for support, facilitating quick deployment and detection.
- **Strong Penetration:** It can continuously penetrate multiple layers of discontinuous media and accurately detect human targets.
- **Anti-interference:** Adopting a medium-coupled enhanced antenna, it has strong anti-interference performance and is suitable for various complex usage scenarios.
- **High Protection Design:** The whole machine adopts a high protection level design, and the interior of the box is equipped with a hard buffer layer for convenient transportation.

## Array Radar Life Detector

An array-type fixed-point layout radar life search and rescue system. The whole system is composed of multiple radar detectors connected in series and can be configured as eight-in-one or four-in-one. Arranged in an array, it can achieve multiple fixed-point layout monitoring. The detector can penetrate materials such as plates, concrete, and ruins to detect the breathing or slight movements of living bodies and give sound and light alarms when detecting slight vibrations to quickly lock the search and rescue target. The radar detector is small in size, light in weight, with a single-unit weight of less than 1000g, and is equipped with a waterproof and dustproof packing box, which is convenient for layout and carrying. This equipment is mainly used to search for the trapped in natural disasters such as earthquakes, mudslides, and landslides and accidents such as building collapses.



### Product Features:

- **Screen Display Information:** It has an embedded electronic display screen to display the machine running status and detection target information.
- **Multi-machine Series Connection and Layout:** It supports multiple radar detectors to be connected in series, arranged in an array, and multiple points for layout and control.
- **Remote Detection:** It can detect the breathing or slight movements of living bodies without contacting them.
- **Wireless Transmission:** The detection information of each radar detector can be wirelessly transmitted to the handheld terminal for centralized display.
- **Super Long Endurance:** It supports multiple power supply methods and the continuous monitoring time is not less than 7 days.
- **Sound and Light Dual-mode Alarm:** It has sound and light alarm functions and has single alarm and continuous alarm modes.
- **Small and Efficient:** It is small in size, light in weight, has strong penetration ability, wide layout area, and high accuracy.
- **Durable and Resistant:** It has a high protection level design, is waterproof and dustproof, and can be used in harsh environments.

## Multimode Composite Radar Life Detector

The product combines the functions of radar detection and microseismic detection, effectively integrates electromagnetic and acoustic detection technologies and is highly integrated. It can simultaneously use multiple life detection methods to comprehensively detect the life signs in the target area, solving the problems that different products are not compatible and multiple types of rescue products need to be carried at the rescue site. The product reduces the burden on rescue personnel and is suitable for more complex occasions. It adopts a modular design and integrates multiple detection modes into one. It effectively overcomes the technical bottlenecks of a single life detection equipment and is a major technological innovation in the field of life detection. This equipment is widely used in the search and rescue of personnel in natural disasters such as earthquakes, mudslides, and landslides and accidents such as building collapses.



### Product Features:

- **Integrated and Portable:** It has a toolbox-type integrated design, which is convenient to carry and operate.
- **Two-dimensional Positioning:** It can obtain the two-dimensional coordinates of living bodies in real time.
- **High-precision Pulse:** The UWB pulse signal has high resolution and accurate positioning.
- **Strong Penetration Technology:** The medium-coupled enhanced antenna technology has strong penetration.
- **Shockproof and Durable:** It has an IP67 high protection level design, three-axis shock resistance, and can adapt to harsh environments.
- **Aluminum Alloy Probe:** The microseismic probe is made of aluminum alloy to ensure the effect of sound wave transmission and capture.
- **All-wireless Design:** It supports multiple sensors to work in a network simultaneously, and the layout is more flexible.
- **Sound Restoration:** It can truly restore the knocking, scratching, and other sounds made by the trapped.
- **Filtering Noise:** It has the function of adjusting the high-frequency filter coefficient to effectively filter out the mechanical noise that is not for listening on site.
- **Explosion-proof for Safety:** It has an intrinsically safe explosion-proof design, which is safe and reliable and provides a guarantee.



## Array Microseismic Life Detector

Array microseismic life detector is a rescue equipment that adopts a special microelectronic processor and is equipped with highly sensitive vibration sensors and positioning modules. It is used by connecting multiple vibration sensors in series and arranged in an array to achieve multiple fixed-point monitoring. It has functions such as sound restoration, two-way voice communication, and relative positioning. It is suitable for multiple scenarios such as earthquakes, explosions, landslides, mine accidents, and building collapses. It is made of aluminum alloy, which can effectively filter out noise and help accurately search and rescue lives, providing strong support for rescue work.



### Product Features:

- **Hexagonal Prism Design:** It conforms to the principles of ergonomics and is convenient to grasp.
- **Silk-screen Label:** The product label is silk-screened to form a permanent serial number.
- **Aluminum Alloy Material:** It ensures the effect of sound wave transmission and capture.
- **All-wireless Design:** It supports multiple sensors to work in a network simultaneously, and the layout is more flexible.
- **Intuitive Display:** It can display the audio changes of all connected sensors simultaneously, and the signal strength display is intuitive.
- **Real-time Voice:** It has two-way voice communication function and left and right channel adjustment function.
- **Sound Restoration:** It can truly restore the knocking, scratching, and other sounds made by the trapped.
- **Filtering Noise:** It has the function of adjusting the high-frequency filter coefficient to effectively filter out the mechanical noise that is not for listening on site.
- **Relative Positioning:** It can display the relative position and orientation of the sensor and the host in real time.
- **Sturdy and Durable:** It has an IP67 high protection level, can withstand a 1m drop, and is waterproof, dustproof, and shockproof.

## Rod Type Audio And Video Life Detector

Rod type audio and video life detector is an emergency rescue equipment equipped with an ultra-lightweight retractable probe rod. The product can meet the needs of long and short-distance use and can be used for exploration in the gaps of buried shelters. It is suitable for rescue in narrow spaces and can quickly perform visual inspections of suspicious target areas. The digital image can clearly show the state of trapped people, helping rescuers quickly and accurately grasp the real situation of the trapped area. This equipment is mainly used in sudden natural disasters such as earthquakes, mudslides, floods, and accidents such as building collapses.



### Product Features:

- **Flexible Probe Combination:** Multiple probes can be freely combined and configured, suitable for various scenarios.
- **Retractable Probe Rod:** The retractable carbon fiber probe rod can meet the use requirements of different scene distances.
- **High-definition Imaging:** With high-resolution imaging, the 1920x1080 resolution probe provides clear imaging.
- **Omnidirectional Observation:** The probe supports 360° horizontal rotation and 180° vertical rotation.
- **Multi-spectral Detection:** It has multi-dimensional imaging such as infrared night vision, LED lighting, and infrared thermal imaging.
- **Wireless Transmission:** It supports 4G and Wi-Fi wireless transmission functions, enabling real-time observation in the background.
- **Real-time Voice:** It has a two-way voice communication intercom function for real-time listening and detection of targets.
- **Long-lasting Battery Life:** The battery has a Type-C interface, and the charging method is diverse and durable.
- **One-button Operation:** It has one-button functions for taking photos, recording videos, and storing and playing back detection data.
- **Multi-scenario Adaptability:** It is suitable for rescue in narrow spaces, night rescue, and flexible detection.

## Box-Type Audio And Video Life Detector

A box-type integrated emergency auxiliary rescue equipment, with all accessories integrated in the box and a built-in 25m hard cable, which can display the detection distance. Operators can use the microphone and stereo noise-canceling headphones to realize real-time detection of the internal sounds of the suspicious target area. The digital image can clearly show the state of trapped people and conduct two-way voice communication with them at the first time. This equipment is mainly used in sudden natural disasters such as earthquakes, mudslides, landslides, and accidents such as building collapses.



### Product Features:

- **Integrated Box Design:** Innovative integrated box design, with the full set of accessories integrated in the box.
- **Flexible Probe Combination:** Multiple probes can be freely combined and configured, flexibly suitable for various scenarios.
- **High-definition Imaging:** With high-resolution imaging, the 1920x1080 resolution probe provides clear imaging.
- **Omnidirectional Observation:** The probe supports 360° horizontal rotation and 180° vertical rotation.
- **Multi-spectral Detection:** It has multi-dimensional imaging such as infrared night vision, LED lighting, and infrared thermal imaging.
- **Wireless Transmission:** It supports 4G and Wi-Fi wireless transmission functions, enabling real-time observation in the background.
- **Strong Cable Compatibility:** The embedded hard detection cable is suitable for deep tunnels, deep wells, and pipelines.
- **Efficient Ranging:** The detection distance is displayed in real time, with accurate positioning and efficient detection.
- **Real-time Voice:** It has a two-way voice communication intercom function for real-time listening and detection of targets.
- **Long-lasting Battery Life:** The battery has a Type-C interface, and the charging method is diverse and durable.

## Multifunctional Audio And Video Life Detector

A kind of amphibious emergency auxiliary rescue equipment. Operators can use the microphone and stereo noise-canceling headphones to realize the real-time detection of the internal sounds of the suspicious target area and conduct two-way digital communication with the survivors at the first time. It is equipped with a micro-vibration sensor, which can identify the tiny vibrations in the air or solid and can quickly search and locate the survivors buried under the ruins. The product adopts a modular design and integrates multiple detection modes into one. In the on-site rescue of earthquakes, building collapses, mudslides, landslides, etc., only one set of equipment is needed to easily achieve multiple functions with one device and all-round three-dimensional rescue.



### Product Features:

- **Retractable Probe Rod:** The retractable carbon fiber probe rod can meet the use requirements of different scene distances.
- **Omnidirectional Observation:** The probe supports 360° horizontal rotation and 180° vertical rotation.
- **Wireless Real-time Transmission:** It supports 4G and Wi-Fi wireless transmission functions, enabling real-time observation in the background.
- **Multiple One-button Operations:** It has one-button functions for taking photos, recording videos, and storing and playing back detection data.
- **Aluminum Alloy Material:** The microseismic probe is made of aluminum alloy to ensure the effect of sound wave transmission and capture.
- **All-wireless Design:** It supports multiple sensors to work in a network simultaneously, and the layout is more flexible.
- **Sound Restoration:** It can truly restore the knocking, scratching, and other sounds made by the trapped.
- **Filtering Noise:** It has the function of adjusting the high-frequency filter coefficient to effectively filter

## Thermal Imaging Camera For Firefighter

A small, lightweight, sturdy, durable, stable and reliable thermal imaging camera for firefighter. It has the function of displaying the real-time temperature and thermal imaging of the fire scene on the display screen. In the event of a fire or in harsh environments, it can effectively help firefighters easily identify directions and search for trapped people, enabling them to calmly analyze the environment of the fire scene and make decisions more quickly. This device is mainly used for tasks such as finding fire points and searching for trapped people when firefighters enter dark or smoky scenes.



### Product Features:

- **Small Size and Light Weight:** Compact and lightweight, with an ergonomic design.
- **Sturdy and Durable:** Tested in harsh high-temperature environments, with IP67 waterproof and dustproof rating.
- **High-Quality Imaging:** Equipped with 384\*288/640\*512 high-sensitivity infrared detectors, providing clear imaging.
- **Ultra-Wide Measuring Range:** Designed with a 1200 °C wide temperature measuring range, and the automatic range switching is more convenient.
- **Automatic Temperature Display:** Automatically displays precise information on the highest temperature, the lowest temperature and the central temperature.
- **Electronic Compass:** Capable of positioning and orientation, avoiding getting lost in the fire scene.
- **Powerful Functions:** With laser pointing function and hot/cold tracking function for easy use.
- **Wireless Real-Time Transmission:** Supports real-time transmission of images and videos via 4G/Wi-Fi.
- **Free Mode Switching:** Adopting dual-band image technology, allowing the switching between infrared and visible light modes.

## Miniature Thermal Imaging Camera For Firefighter

An infrared thermal imager for fire rescue that integrates optoelectronic technology, infrared detection technology and infrared image processing technology. It features a smaller size, fast temperature measurement speed, high sensitivity, being non-contact and providing intuitive images. It can penetrate thick smoke, rain and fog to quickly lock onto targets on the scene. The device is mainly used for tasks such as searching and rescuing people, detecting dangerous goods, inspecting equipment, monitoring residual fires and investigating the causes of fires in dark or smoky environments at the fire scene.



### Product Features:

- **Small Size and Light Weight:** Portable, handheld, and with an ergonomic design.
- **Precise Laser Measurement:** Equipped with laser pointing function and laser ranging function, which is more precise and convenient.
- **Ultra-Wide Measuring Range:** Designed with a 1200 °C wide temperature measuring range, and the automatic range switching is more convenient.
- **Waterproof and Flame Retardant:** With a waterproof and heat-insulating structural design, and the new flame-retardant materials are safe and reliable.
- **Electronic Compass:** Capable of positioning and orientation to avoid getting lost in the fire scene.
- **Dual Modes for Higher Definition:** Combining infrared and visible light modes, enabling clearer high-definition visible light photography.
- **Temperature Tracking:** Quickly locate and track hot and cold spots in the fire scene, and automatically capture the highest and lowest temperature points.
- **Multi-mode Display:** Black-hot, white-hot and multiple pseudo-color application modes make the temperature images more intuitive.
- **High-Quality Imaging:** Equipped with 384\*288 high-sensitivity infrared detectors for clear imaging.

## Composite Thermal Imaging Camera For Firefighter

It is a composite product integrating multiple functions such as infrared thermal imaging, toxic gas detection, leakage detection, nuclear radiation detection, laser ranging and meteorological data collection. It is flexible and portable, and different modules can be detached according to different situations to achieve "product integration" and "multiple functions with one device". It is mainly used for tasks like searching and rescuing people, detecting dangerous goods, inspecting equipment, monitoring residual fires and investigating the causes of fires in dark or smoky environments at the fire scene.



### Product Features:

- **Multiple Functions Integration:** Integrating a variety of functions into one, it can achieve multiple uses with a single device.
- **Flexible Disassembly:** With a detachable module design, it is flexible and changeable to achieve maximum utility.
- **Voice Intercom:** It can conduct voice intercom with the remote command terminal, and also has its own voice broadcast and prompt functions.
- **Exquisite Craftsmanship:** It has a compact appearance, is lightweight, boasts excellent craftsmanship and offers a delicate hand feel.
- **Easy to Use:** Featuring large buttons, a low accidental touch rate and convenient operation, it is easy to start using.
- **Real-time Voice:** It enables two-way voice remote intercom and real-time communication and prompts with the command terminal.
- **Sturdy and Durable:** With an IP67 high protection level, it is waterproof and dustproof, and can withstand a 2-meter drop.
- **High Resolution:** The screen is clearer, which is suitable for the refined analysis of rescue scenes.
- **Wireless Transmission:** It supports 4G and Wi-Fi wireless data transmission and allows for remote multi-dimensional analysis.
- **Self-developed with Guaranteed Quality:** With performance breakthroughs, the product is self-developed and comes with after-sales guarantee.

## Infrared Thermal Imager

An infrared thermal imager that is small, lightweight, rugged, durable, and stable. The product is widely used in scenarios such as searching and rescuing people in the fire scene, monitoring residual fires, detecting the shallowly buried in the earthquake ruins, forest fires, detecting hidden fire points, and detecting dangerous goods. It is an ideal choice for emergency rescue.



### Product Features:

- **Image Function:** It supports multiple image formats such as JPG and MP4, facilitating the storage and sharing of images and videos.
- **Good Compatibility:** It adopts the Micro USB 2.0 interface, which is convenient for users to charge, transfer data, and connect with other devices.
- **Full-view Liquid Crystal Large Screen:** With a high screen resolution, the image is clear.
- **Real-time Temperature Measurement:** It supports the automatic tracking of the center point, cold and hot spots, and real-time monitoring of the temperature of the measured object.
- **Multiple Imaging Modes:** It supports infrared thermal images and visible light images, multi-spectral imaging.
- **Rich Color Palette:** It supports a variety of palette selections to meet the preferences and application needs of different users.
- **Small and Portable:** It is small in size and light in weight, and can be easily carried by a single person.
- **Exquisite Design:** The appearance design incorporates elements of ancient Chu culture, conforms to ergonomics, and is convenient to hold.

## Multimode Composite Deformation And Displacement Monitoring Radar

Multimode composite deformation and displacement monitoring radar is a new type of equipment with fast mobile deployment and rich functions to continuously monitor the stability of buildings. Based on microwave remote sensing and phase interferometry technology, it can continuously monitor the displacement, deflection, natural vibration frequency, impact, and other indicators of high-rise buildings from a long distance and without contact. It has characteristics such as sub-millimeter-level deformation monitoring accuracy, not being affected by smoke, fire, and light, high data update rate, and multi-device cooperation. It is mainly used in emergency rescue scenes such as fires and earthquakes, which is beneficial to the early warning and real-time alarm of possible building collapses or serious structural damages and can effectively protect the lives of emergency rescue personnel.



### Product Features:

- **Multi-point Measurement:** It can measure the deformation of multiple points simultaneously to reflect the overall deformation situation of the monitored target.
- **Accurate Monitoring:** The deformation measurement accuracy can reach the sub-millimeter level, and the monitoring is accurate.
- **Accurate Data:** The update rate is as high as 100Hz or above, the update speed is fast, and the data is continuous and accurate.
- **Multi-scenario Adaptability:** The electromagnetic wave penetration ability is strong, and the environmental adaptability is good.
- **Long-term Detection:** It has low power consumption and can monitor all-weather and all-day, and real-time and comprehensively cover the monitoring.
- **Fast Deployment:** The whole machine is light in weight, small in size, convenient to carry, and easy to deploy.
- **High Intelligence:** Multiple devices can work together to achieve simultaneous monitoring from multiple angles and directions.
- **Real-time Display:** Real-time deformation line chart, which can intuitively view the deformation trend.

## Laser Displacement Monitor

Laser displacement monitor is a professional equipment that combines eye-safe laser and inclination detection to continuously monitor the stability of buildings. It adopts wireless backstage control technology, which greatly facilitates the installation of the monitor by rescue personnel. It has a super-loud alarm to timely and effectively notify the rescue personnel to evacuate. It has functions such as laser millimeter-level deformation monitoring accuracy, sound and light and voice alarms, and multi-point real-time monitoring. It is mainly used to monitor any slight movement of dangerous buildings and other building structures (such as the ground, columns, walls) caused by fires, earthquakes, explosions, collapses, and natural disasters such as landslides.



### Product Features:

- **All-round Monitoring:** It combines displacement monitoring and inclination monitoring to comprehensively monitor the movement of the wall and the inclination of the angle.
- **Real-time Transmission:** It supports wireless transmission function, and the detection data can be wirelessly transmitted to the backcourt receiving terminal.
- **High-precision Detection:** It has a high detection resolution, with laser millimeter-level monitoring and an inclination resolution of 0.1°.
- **Safety Guarantee:** It has sound and light and voice alarm functions to facilitate timely evacuation and supports manual cancellation of the alarm signal.
- **Free Adjustment:** It has stepless multi-gear adjustment of the monitoring accuracy, which can be adjusted on site according to the demand and is more accurate.
- **4G Expansion:** It reserves 4G expansion function to assist in observing the light source and long-distance positioning.
- **Backstage Control:** The data displayed on the laser displacement screen can be interconnected with the backstage receiving device.
- **Reverse Search:** It is convenient to find the equipment and improves the convenience and controllability of the equipment.
- **Long-lasting Battery Life:** The host has the function of charging the displacement monitor and the inclination monitor, and has a longer battery life.

## Portable Circular Arc Synthetic Aperture Slope Monitoring radar

Portable circular arc synthetic aperture slope monitoring radar is a professional equipment based on the circular arc synthetic aperture radar system and frequency-modulated continuous wave signal form to continuously monitor the stability of slopes, dams, mountains, etc. It has characteristics such as rapid mobile deployment, 360° all-round monitoring, high protection level, not being affected by bad weather such as rain, fog, and snow, high data update rate, excellent accuracy, and good resolution. It is suitable for emergency rescue and daily monitoring scenarios such as geological disasters and engineering accidents, and continuously warns and monitors the displacement, deformation, crack expansion, and other indicators of the target.



### Product Features:

- **Multi-directional Comprehensive Monitoring:** 360° all-round monitoring and supporting electric pitch adjustment.
- **Small Size and Light Weight:** Lightweight and foldable and expandable design, which can be easily carried and deployed by a single person.
- **Ultra-long Monitoring Distance:** It can achieve a full-area coverage of up to 5 kilometers at the farthest, meeting the needs of large-scale monitoring.
- **Strong Environmental Adaptability:** It is not affected by bad weather and lighting conditions such as rain, snow, and fog.
- **Wide Coverage:** It is equipped with an electric pitch adjustment function and has a wide coverage.
- **Accurate Monitoring:** It has excellent deformation measurement accuracy (sub-millimeter level) and good resolution.
- **Long-lasting Battery Life:** It has low power consumption and can be used for both emergency rescue and long-term monitoring applications.
- **High Protection Level:** It can work normally in high altitude, cold, humid and hot, strong wind, rain and snow, and has strong adaptability.
- **Quick Positioning:** It can quickly obtain the position, attitude, and orientation information of the radar.
- **Three-dimensional Display:** Three-dimensional DEM accurate matching and large-scene rapid three-dimensional rendering.

## Portable Amphibious AC Voltage Detector

Portable Amphibious AC Voltage Detector is a professional equipment that is small, light-weight, and convenient, which can detect the power leakage and confirm the specific location of the leakage. It works based on the principle of obtaining the AC field signal through the sensor and distinguishing and processing it. It has the function of automatically detecting the strength of the electric field or voltage and can adaptively process the strength of the induction signal. It is suitable for working environments such as emergency rescue and drainage, underground pipelines, and fire scenes.



### Product Features:

- **Sturdy and Durable:** It has an IP67 high protection level design, can withstand a 2m drop, and is amphibious.
- **Screen Display:** It has a high-brightness OLED liquid crystal display screen to display information in real time.
- **Safety Guarantee:** It has a one-button SOS emergency call for help and emergency lighting function.
- **Status Display:** It has the functions of positioning and detecting the moving/stationary state.
- **Small and Lightweight:** It is small in size and light in weight, convenient to hold by hand or wear on the chest.
- **Low Battery Warning:** It gives an alarm prompt when the battery power is too low.
- **Non-contact Detection:** It can sense the environmental current leakage in real time.
- **Intelligent Alarm:** It has various sound and light alarm functions to achieve accurate alarm distinction.
- **Free Adjustment:** It has three sensitivity adjustment levels of high, medium, and low to efficiently deal with complex scenes.

## Military Poison Detector

It is a security detection device based on the detection principle of ion mobility spectrometry (IMS), which can quickly and accurately detect and identify trace amounts of chemical agents, industrial toxic gases, explosives, drugs, nuclear radiation and other substances. The product can be optionally equipped with a PID detector, an LEL detector and a Csl (cesium iodide) detector, and its performance has reached the international advanced level among similar products. It adopts intelligent algorithms to quickly screen and improve the security inspection efficiency. With simple operation and guided maintenance, it is convenient for users to use. This product is applicable to departments such as fire protection, airports, railway stations, customs, border defense, public security, national defense, anti-smuggling and the military.



### Product Features:

- **Multiple Detection in One Device:** It can detect chemical warfare agents, industrial toxic gases, drugs, explosives and so on with just one device.
- **Fast Algorithm:** Equipped with its own intelligent algorithm, it has a short analysis time and can respond and alarm quickly.
- **Multiple Displays on One Screen:** The real-time detection results of drugs, explosives, industrial toxic gases and others can be displayed on the same screen.
- **Super Long Standby Time:** With low power consumption and a long standby time, it is convenient for long-term use.
- **Quick Response:** Adopting non-destructive aspiration sampling and wipe sampling, it has a shorter analysis time and can produce results quickly.
- **Self-check and Diagnosis:** It has the functions of self-check calibration and real-time fault diagnosis, making it more efficient in practical applications.
- **Humanized Cleaning:** It has both self-cleaning and manual cleaning functions, allowing for multiple cleaning options.
- **Data Backup:** It can store, retrieve and export detection data, and also supports USB backup function.
- **One-button Power-on:** It can be used immediately after being turned on with just one button press, getting ready without human intervention.

## Wireless Composite Gas Detector

The wireless composite gas detector is a security detection device that can continuously monitor multiple gases (volatile organic compounds VOC, total volatile organic compounds TVOC, combustible gases and toxic and harmful gases). The instrument uses high-quality PID (photoionization detector) sensors, electrochemical sensors, oxygen sensors, catalytic combustion sensors and combustible gas sensors, etc., and these sensors can be flexibly configured. The product is applicable to the gas analysis and detection needs of different industries.

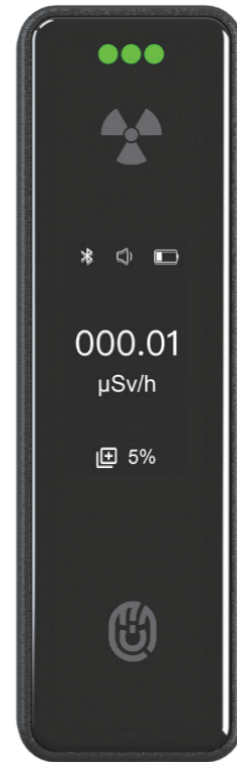


### Product Features:

- **Independent Air Pump:** Featuring an active suction pump design, the built-in air pump can be independently turned on or off.
- **Intuitive Display of Data:** With the direct counting function, the gas concentration can be detected and displayed in real time.
- **Personalized Configuration:** Adopting a modular sensor combination design, it allows for customized personalized configurations.
- **Double-layer Filtration:** Equipped with a double-layer filter, it can be used for monitoring in environments with relatively high humidity and dust.
- **Multiple Alarms:** It has sound, light, vibration and personnel fall alarms, as well as remote wireless alarms.
- **Automatic Download:** It supports the USB download and transmission functions of measurement data.
- **Wireless Transmission:** It can transmit data to the terminal via 4G, enabling real-time acquisition of data and alarm status.
- **Explosion-proof for Safety:** With an intrinsically safe explosion-proof design, the product is safer, more reliable and gives users greater peace of mind when using it.
- **High Protection Level:** Designed with an IP67 high protection level, it is waterproof, dustproof, durable and reliable.

## Nuclear Radiation Detector

Nuclear radiation detector uses a SiPM (Silicon Photomultiplier) scintillation detector, achieving high-sensitivity detection performance at a wearable size level. It can detect slight radiation changes in the natural environment and respond quickly to dangerous situations. When workers wear the alarm to work in radioactive areas, it can effectively and rapidly monitor the radiation dose received by their bodies, so as to detect the situation where the radiation dose exceeds the standard in a timely manner. It is an important guarantee for the life safety of personnel engaged in radioactive work. The equipment is mainly used in security inspections, nuclear medicine departments or jobs related to radiation exposure.



### Product Features:

- **Advanced Technology:** It uses SiPM (Silicon Photomultiplier) scintillation detectors and can detect slight radiation changes.
- **Performance Breakthrough:** It has achieved high-sensitivity detection performance at a wearable size level.
- **Sensitive Response:** It can detect slight radiation changes in the natural environment and respond rapidly.
- **Intelligent and Aesthetic:** With the ultrasonic integrated body technology, it has an attractive appearance and intelligent operation.
- **Sturdy and Durable:** With an IP67 high protection level, it is waterproof and dustproof.
- **Multi-dimensional Monitoring and Alarm:** There are multiple alarm modes including sound, light and platform.
- **Ultra-long Standby Time:** With a low-power design, its standby time exceeds 80 hours and it can be charged cyclically.

## Electronic Meteorograph

A powerful portable tool for meteorological measurement and data recording, used for weather forecasting and monitoring. The instrument can measure various meteorological data such as wind speed, wind direction, temperature, humidity, air pressure, compass, dew point, wet bulb, wind chill, heat stress, density altitude, and altitude. It is a powerful meteorological work tool integrating multiple professional functions. This product is applicable to the meteorological monitoring and analysis needs of various industries, providing users with comprehensive and accurate meteorological information services.



### Product Features:

- **Powerful Function:** With complete meteorological monitoring functions, it can measure multiple meteorological data simultaneously.
- **Small and Portable:** Compact in size and lightweight, it can be carried in a pocket.
- **High Protection Level:** Designed with an IP67 high protection level, it is waterproof, dustproof, durable, and reliable.
- **Memory Function:** It can record the maximum, minimum, and average wind speeds and support one-button switching.
- **Multiple Alarms:** It has vibration alarm, flash screen alarm, and over-temperature alarm functions.
- **Multiple Value Display:** It has multiple display functions for minimum, maximum, and average values.
- **Selectable Storage Mode:** It has a data storage function and can store data automatically or manually.
- **Backlit Large Screen:** It has a multi-functional backlit LCD large screen display, which can be read in a backlit environment.
- **Multiple Charging Options:** It has a built-in rechargeable battery for more convenience and supports Type-C interface charging.
- **Multi-language Mode:** Borderless operation in multiple countries.