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ZHONGHAOYUE

COMPANY INTRODUCTION



中昊岳科技（深圳）有限公司

Zhonghaoyue Technology (Shenzhen) Co., Ltd

It is an artificial intelligence product solution provider and manufacturer with security inspection equipment as its core, headquartered on the 12th Floor of Building 2, Longbang High-Tech Industrial Park, Guangming District, Shenzhen.

It currently has a full range of intelligent product lines, including series of security products such as intelligent security inspection gates, mobile phone detection gates, walk-through metal detection security gates, handheld metal detectors, and X-ray security inspection equipment.

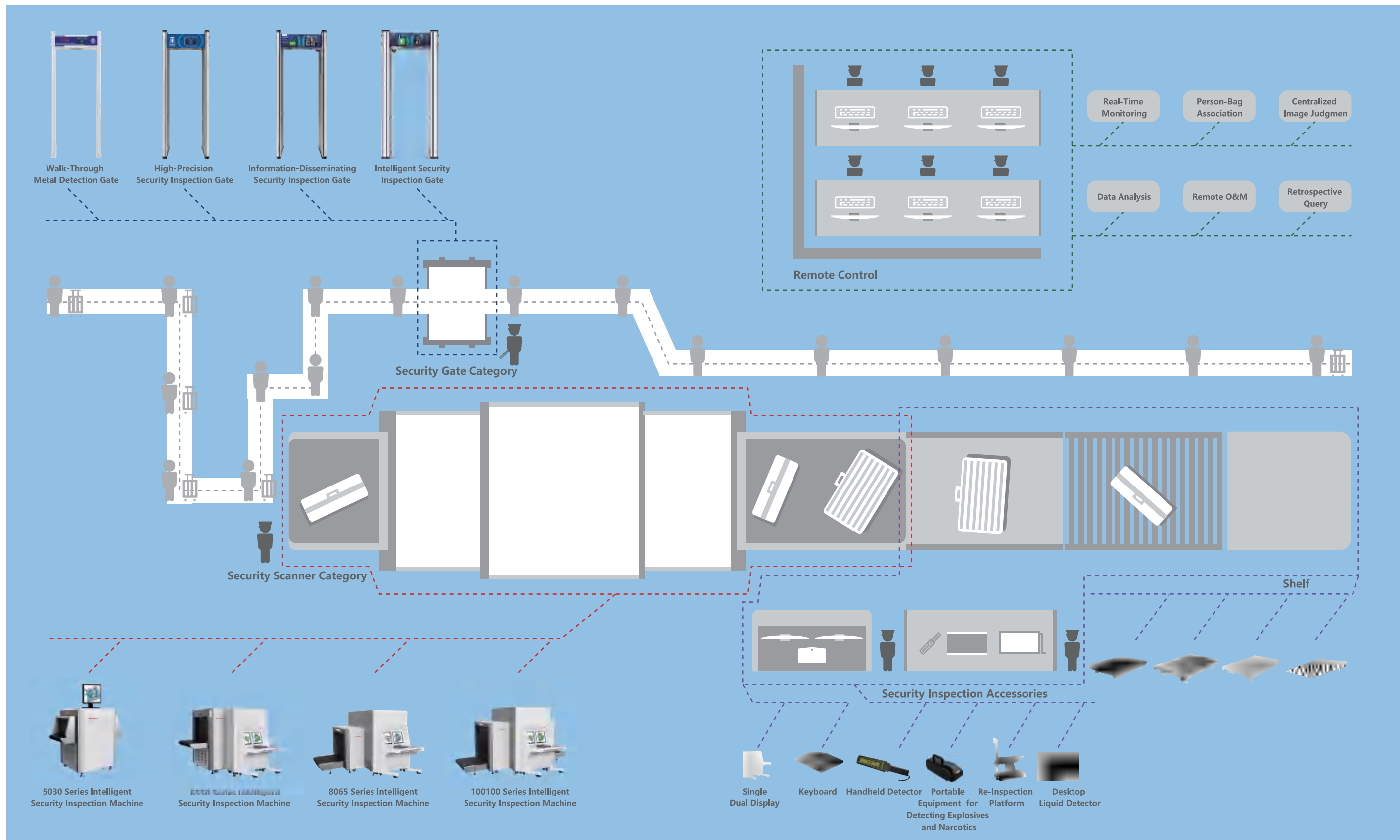
Zhonghaoyue has established multiple business centers and after-sales service institutions in Mainland China. Adhering to the business philosophy of "Professionalism, Solidarity and Integrity", Zhonghaoyue practices the core values of "Customer Success, Value-Oriented, Integrity & Pragmatism, and Pursuit of Excellence". It continuously innovates and advances multi-dimensional perception, artificial intelligence, and big data technologies, pioneering new journeys for human security and development.



PRODUCT FAMILY



SYSTEM INTRODUCTION



INTELLIGENT SECURITY MANAGEMENT PLATFORM

Product Introduction

Intelligent Security Management Platform (Abbreviation: iSMP) The Intelligent Security Management Platform is a comprehensive management system focusing on security inspection scenarios. With "panoramic, real-time, visualized, and refined" as its core objectives, it integrates multi-dimensional security inspection data and equipment management functions, providing comprehensive support for security inspection operation management, decision analysis, risk handling, and system security.

The system covers the entire process of security inspection business, ranging from real-time monitoring, data visualization, and equipment control to permission management and log tracing. It helps improve security inspection efficiency, optimize security inspection strategies, and ensure the standardization and security of security inspection operations.

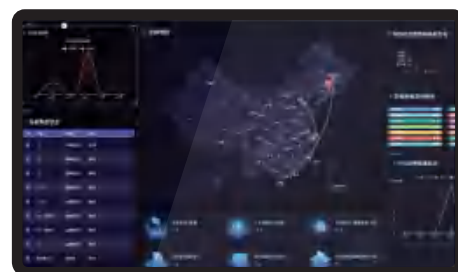


iSMP(Intelligent Security Management Platform)

Key Functions

Security Inspection Data Visualization Dashboard

The Security Inspection Data Visualization Dashboard (or Large Screen) takes "panoramic, real-time, and visualized" as its core. It integrates multi-dimensional information such as the operating status of security inspection equipment, alarm data, and personnel/baggage throughput, and presents them intuitively through charts and other forms. It provides a comprehensive digital perspective for security inspection operation management and decision analysis (Map area is reserved and not yet activated).



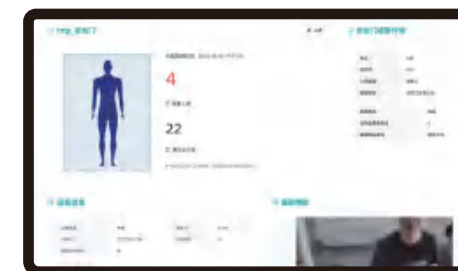
Security Scanner Real-time Monitoring

Focusing on baggage security screening scenarios, this module performs intelligent analysis and aggregated display on the images and data collected by security inspection equipment. It enables the intuitive display of baggage screening images, intelligent identification and marking of prohibited items, as well as the synchronized recording of real-time equipment data, providing support for security inspection personnel in the rapid assessment, judgment, and handling of prohibited items.



Security Gate Real-time Monitoring

The Security Gate Real-time Monitoring Module centers on the core scenarios of security gates: "personnel detection, alarm handling, and equipment management." Through real-time data collection and intelligent analysis, it realizes statistics on the number of alarmed persons during passage, display of alarm details, and centralized management of security gate equipment information, providing precise support for single-equipment-level security inspection control.



Multiple Devices Real-time Data Overview

The Multiple Devices Real-time Data Overview Module adheres to the concept of "centralized and visualized". It integrates real-time operation data and status information of multiple types of equipment such as metal security gates, intelligent security gates, and X-ray security scanners. Through a card-based layout, it displays key indicators by device, helping to quickly grasp the security inspection dynamics of multi-device clusters.



User Management

The User Management Module serves as the core component for system permission control. Through full-lifecycle management of user accounts (including addition, modification, deletion, status control, etc.) and combined with the role association mechanism, it realizes refined permission allocation and access control for users, ensuring the security and standardization of system operations.



INTELLIGENT SECURITY MANAGEMENT PLATFORM

Product Introduction

The system encompasses multiple core modules: it realizes the intuitive presentation of multi-dimensional data (such as alarm situation and equipment status) through the security inspection data visualization dashboard; relying on the real-time monitoring module for security scanners and security gates, it supports baggage scan image analysis, prohibited item identification, as well as real-time statistics and detail display of personnel security inspection data; by virtue of the multi-equipment real-time data overview module, it achieves centralized aggregated management of status and business data for multiple types of equipment; meanwhile, it implements refined permission control through user management and role management, provides basic data support via regional management, ensures operation traceability through log management, realizes full-lifecycle management and control of security inspection equipment via equipment management, and supports multi-dimensional filtering and traceability analysis of historical alarms through alarm record query.

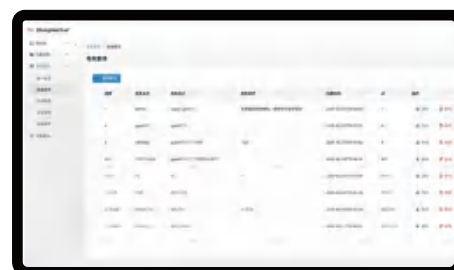


iSMP(Intelligent Security Management Platform)

Key Functions

Role Management

The Role Management Module serves as the "intermediate layer" of the system's permission system. By defining different roles (such as super administrators and general operators) and assigning operation permissions, it achieves centralized management of "role-permission". Then, through associating roles with users, it indirectly completes the batch configuration of user permissions, enhancing the flexibility and maintainability of permission management.



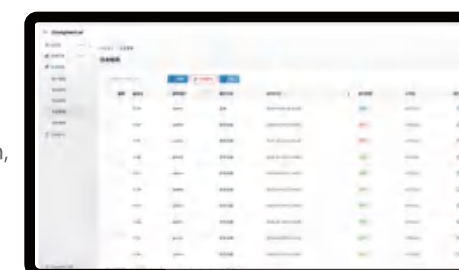
Area Management

The Regional Management Module focuses on the "regional dimension" management of security inspection scenarios. By maintaining information on physical areas (such as station security inspection areas and airport terminals), it provides basic data support for business operations including device ownership, alarm positioning, and regionalized security inspection statistics, thereby realizing regionalized and refined operations for security inspection management.



Log Management

The Log Management Module serves as the "traceability hub" for system operation behaviors. It records every key operation of users (such as login, device addition/deletion) and forms a searchable and analyzable operational log database, providing data support for system auditing, problem traceability, and operation standard supervision and control.



Equipment Management

The Equipment Management Module serves as the "central management console" for the security inspection equipment cluster. By implementing full-lifecycle management (including addition, editing, deletion, and status monitoring) for equipment such as metal security gates and intelligent security gates, and integrating the device parameter configuration function, it realizes centralized and refined management and control of security inspection equipment, providing basic support for the stable operation of security inspection services.



Alarm Records Query

The Alarm Record Query Module focuses on the "historical alarm traceability" needs in security inspection scenarios. It supports filtering by criteria such as time range and equipment type, integrates historical alarm datasets of equipment including X-ray scanners and metal security gates, and intuitively presents alarm events in the form of "images + details", providing data support for security inspection incident review and prohibited item pattern analysis.



WALK-THROUGH METAL DETECTION GATE

PE-Multi 518L

Product Size

2200(H)x865(W)x560(D) (mm) (external)

2000(H)x716(W)x500(D) (mm) (tunnel)

Main Functions

LCD Smart Display

It features a high-definition LCD touch screen with simple operation and rich display content. The screen displays the alarm location via a human figure diagram, and simultaneously supports functions such as alarm location guidance, alarm time, passage indication, number of people passed, number of alarm triggers, and system time.

Detection Accuracy

At its highest sensitivity level, a paperclip-sized metal object can be detected at the center of the gate. It ensures no missed alarms or false alarms caused by cross-interference. It can eliminate interference from items such as belt buckles, leather shoes, and brassieres. Additionally, it is capable of detecting metal objects (including copper, aluminum, zinc, etc.) weighing over 150 grams, as well as controlled knives and firearms.

Data Storage

It can store data such as the number of people passed, the number of alarms triggered, and alarm information. It also supports querying historical records, with a data storage capacity of no less than 100,000 entries.

Traffic Guidance

The product supports an LED green light passage indication function. When no one is passing through, the LED green light stays on continuously; when someone is passing through, the LED green light turns off. When the security gate triggers an alarm, there will be text reminders such as "No Entry" and flashing red LED alerts.

Alarm Location

Both sides of the gate posts are equipped with high-brightness LED lights. When the security gate alarms, the location of the prohibited item can be intuitively displayed through the positioning lights. At the same time, the screen will show a human figure diagram and provide guidance for the alarm location.

Self-Diagnostic Function

It supports power-on self-test and manual self-test. When powered on, it automatically detects the system and displays the detection results; in case of a fault, the screen will prompt the cause of the fault.



Product Description

A walk-through metal detector gate is a detection device that uses an electromagnetic field to detect metal objects carried on the person. It issues audio and visual alarms to indicate when the amount of metal objects carried by the person passing through exceeds a certain threshold. It is composed of a main unit, a high-frequency signal generator, a signal receiver, and an infrared sensor. It has functions such as a grand and attractive appearance, strong metal detection capability, multiple detection zones, and support for audio-visual and graphical alarms.

Application Scenarios

It can be widely applied to scenarios such as public security organs, procuratorates, courts, prisons, government agencies, transportation hubs, enterprise parks, office buildings, schools, hospitals, cultural and museum scenic spots, and large-scale security events.

HIGH-PRECISION SECURITY INSPECTION GATE

PE-Multi G810

Product Size

2266(H)x897(W)x663(D) (mm) (external)

2000(H)x727(W)x663(D) (mm) (tunnel)

Main Functions

LCD Smart Display

It is equipped with a high-definition LCD touch screen, featuring simple operation and rich display content. The screen shows the alarm location via a human figure diagram, and simultaneously supports functions such as alarm location guidance, alarm time, passage indication, number of people passed, number of alarm triggers, and system time.

Detection Accuracy

It can detect extremely small metal objects such as disposable razor blades, sewing machine needles, paperclips, and computer chips.

Multi-zone Precise Positioning

It adopts multi-zone detection technology to accurately locate hidden prohibited items. Combined with a cross-magnetic field design, it features strong object shape recognition capability and a high passage rate.

Alarm Mode

It is equipped with audio and visual alarms. High-brightness alarm lights accurately indicate the location of prohibited items. The screen displays the alarm position through a human figure diagram and also supports alarm position guidance.

Automatic Adjustment

Automatic operating frequency band selection function and automatic overall sensitivity adjustment & calibration.

Strong Anti-interference Capability

It has the function of multi - working frequency band selection, which can automatically avoid surrounding electromagnetic interference. The special operating frequency range and digital signal filtering technology enable it to maintain a stable working state in complex electromagnetic environments.



Product Description

The G810 is an ultra-high sensitivity walk-through metal detector gate. Equipped with multi-zone detection technology and a cross-magnetic field design, it boasts extremely high detection accuracy and a strong passage recognition rate. Adopting a digital signal processing and filtering system, it features a specific operating frequency range, multiple selectable operating frequency bands, and an automatic function to avoid surrounding electromagnetic interference—all of which endow the G810 with outstanding anti-interference capability. It can detect extremely small magnetic and non-magnetic metals, such as disposable razor blades, sewing machine needles, metal handles, handcuff keys, detonator caps, jewelry, coins, computer chips, and memory chips. Additionally, it supports functions like audio-visual and graphical alarms.

Application Scenarios

It adopts an ultra-high sensitivity design for detecting extremely small metal objects, and can be widely applied in scenarios such as prisons, detention centers, airports, mints, electronic factories, and precious metal & jewelry processing plants.

INFORMATION-DISSEMINATING SECURITY INSPECTION GATE

PE-Multi X818D

Product Size

2266(H)x897(W)x663(D) (mm) (external)
2000(H)x727(W)x663(D) (mm) (tunnel)

Main Functions



Detection Accuracy

At its maximum sensitivity, it can detect a paperclip-sized metal object at the center of the gate. It ensures no missed alarms or cross-interference false alarms, and can eliminate interference from items such as belt buckles, leather shoes, and brassieres. Additionally, it is capable of detecting metal objects (including copper, aluminum, zinc, etc.) weighing over 150 grams, as well as controlled knives and firearms.



Face Capture

It is equipped with a 2-megapixel starlight-level IPC, enabling 24/7 real-time facial capture during the inspection process, alarm information binding, as well as image recording and retrospective query.



Face Matching

It supports deploying multiple face databases for comparison and setting similarity thresholds respectively. When the similarity reaches or fails to reach the threshold, corresponding linkage actions will be triggered.



Front and Rear Intelligent Display

It adopts dual 29-inch displays with rich content. The screens show the alarm location via a human figure diagram, and simultaneously support displaying information such as alarm location guidance, alarm time, passage indication, number of people passed, number of alarm triggers, system time, real-time video images, facial images, comparison results, and historical data.



HD Information Release

It adopts an industrial-grade A+ panel and an entrance-embedded information display screen. It supports free layout and partitioned display of various materials, as well as instant release of information in formats such as images, text, rich text, and videos.



Traffic Guidance

The product supports an LED green light passage indication function. When no one is passing through, the LED green light remains on; when someone is passing through, the LED green light turns off. When the security gate alarms, there are text reminders such as "No Entry" and a flashing red LED light for warning.



Extended Function

It can be expanded with functions such as temperature measurement and identity verification.



Product Description

The Information Display Security Gate features high sensitivity and strong anti-interference capability. It can conduct metal detection on personnel passing through security checks and effectively verify non-compliant items. It boasts powerful functions and high integration, offering diversified data query, statistical analysis and display, as well as high binding of security inspection information and other query results. Equipped with a 29-inch information display screen, it can flexibly play various materials such as images, audio, videos, subtitles and real-time pictures. Additionally, it supports in-process capture to enable retrospective checking of historical records, and has enhanced capabilities to resist interference such as wind and vibration in a targeted manner.



Application Scenarios

It can be widely applied in scenarios such as public security, procuratorate and court organs, prisons, government agencies, transportation hubs, enterprise parks, office buildings, schools, hospitals, cultural relics and scenic spots, and large-scale security events.

INTELLIGENT SECURITY INSPECTION GATE

PE-Multi Z929D

Product Size

2266(H)x987(W)x669(D) (mm) (external)
2000(H)x726(W)x669(D) (mm) (tunnel)

Main Functions



Detection Mode

Electronic Product Detection Mode,Full Metal Detection Mode,Prohibited Item Detection Mode,Electronic Product Detection Mode + Prohibited Item Detection Mode.



Electronic Product Detection Mode

It can effectively eliminate interference from daily carry-on items such as coins, glasses, watches, belt buckles, magnets and keys, and accurately identify whether any mobile phone (in any state), as well as confidential electronic products like laptops, iPads, digital cameras and video cameras are being carried. Moreover, it displays these items in a classified manner with both graphics and text.



All Metal Detection Mode

When metal exceeding the limit is carried through the security gate, the system will activate an audible and visual alarm to effectively verify non-compliant items.



Contraband Detection Mode

It can effectively eliminate interference from daily carry-on items such as coins, glasses, watches, belt buckles, magnets, keys, cigarettes, lighters, stainless steel water cups, and umbrellas, and accurately identify whether prohibited items are carried. These prohibited items include machetes, axes, firearms, aluminum can bodies, tinplate can bodies, aluminum tubes, metal vest bombs, metal belt bombs, etc. Additionally, it displays the identified items in a classified manner with both graphics and text.



Smart Display

It adopts an industrial-grade A+ panel and a high-definition 29-inch intelligent display screen. Meanwhile, the screen features a downward-tilting design, which conforms to ergonomic principles, enabling simple operation and rich display content. The screen shows the alarm location and alarm type via a human figure diagram, and simultaneously supports displaying information such as alarm location guidance, alarm time, passage indication, number of people passed, number of alarm triggers, system time, real-time video images, facial images, comparison results, and historical data.



Face Capture and Matching

It is equipped with a 2-megapixel starlight-level IPC, which enables 24/7 real-time facial capture during the inspection process, alarm information binding, as well as image recording and retrospective query. It supports deploying multiple face databases for comparison and setting similarity thresholds respectively; when the similarity reaches or fails to reach the threshold, corresponding linkage actions will be triggered.



Product Description

The intelligent security gate utilizes the eddy current effect and the principle of electromagnetic induction to obtain the material information of the detected metal objects. It then acquires the three-dimensional shape information of the detected metal objects through 3D field strength transformation technology, and integrates weak signal detection technology, precision filtering technology, and digital signal processing technology. By comparing with the product database, it calculates the material and shape of the detected objects, thereby realizing the separation of electronic products and prohibited items (that need to be detected) from daily necessities.



Application Scenarios

It can be applied to high-foot-traffic scenarios such as examination rooms, bid evaluation rooms, public security and government agencies, confidential places, transportation hubs, enterprise parks, office buildings, hospitals, cultural relics and scenic spots, and large-scale security events.

INTELLIGENT X-RAY MACHINE

5030 Series Intelligent Security Inspection Machine

Product Size

505(W)×305(H) (mm) (channel)



Main Functions



Image Processing

Black and White, Inverse Color (Negative), High/Low Penetration, Inorganic/Organic Stripping, Super Enhancement, Variable Absorption, Pseudo Color, etc.



One-Click Image Processing

Custom function keys that can quickly process images according to user needs.



Image Zoom

Any area can be dynamically zoomed in and out continuously by 64 times.



Fault Indication

Self-diagnostic function, fault alarm, and easy troubleshooting.



Explosive/High-Density Alarm

Suspected explosives/high-absorption substances in the package can trigger an acousto-optic alarm.



Image Playback

It supports unlimited image playback, with playback capability extending to the first image of the current startup session at most.



Image Storage

It can store 500,000 images and trace back to images from the past 90 days.



Extended Function

6-Color Pseudo Color, Folding Object-Receiving Rack, Touch Screen, Fatigue Detection, 7×24-Hour Remote Assistance, Intelligent Security Inspection Management System, Remote Centralized Image Analysis System, Contraband Management System.

Product Description

The 5030 series security inspection equipment is mainly designed with convenience as its core concept. Its intelligent appearance, on-site mobility, and temporary adjustment functions have made it increasingly popular among end-users.

Application Scenarios

It is suitable for scenarios such as shopping malls, government agencies, tourist attractions, hospitals, and public security, procuratorial and judicial organs.

INTELLIGENT X-RAY MACHINE

6550 Series Intelligent Security Inspection Machine

Product Size

660(W)×510(H) (mm) (channel)



Main Functions



Image Processing

Black and White, Inverse Color (Negative), High/Low Penetration, Inorganic/Organic Stripping, Super Enhancement, Variable Absorption, Pseudo Color, etc.



One-Click Image Processing

Custom function keys that can quickly process images according to user needs.



Image Zoom

Any area can be dynamically zoomed in and out continuously by 64 times.



Fault Indication

Self-diagnostic function, fault alarm, and easy troubleshooting.



Explosive/High-Density Alarm

Suspected explosives/high-absorption substances in the package can trigger an acousto-optic alarm.



Image Playback

It supports unlimited image playback, with playback capability extending to the first image of the current startup session at most.



Image Storage

It can store 500,000 images and trace back to images from the past 90 days.



Extended Function

6-Color Pseudo Color, AI-Assisted Image Recognition, BB100-Black Box, Fatigue Detection, 7×24-Hour Remote Assistance, Intelligent Security Inspection Management System, Remote Centralized Image Analysis System, Contraband Management System.

Product Description

The 6550 dual-view multi-energy X-ray security inspection equipment can display both the horizontal and vertical views of the inspected items simultaneously. This function enhances the ability to detect prohibited items inside packages and provides users with a safe, reliable, and intelligent security inspection system service.

Application Scenarios

It is suitable for scenarios such as venues, rail transit, railway VIP lounges, tourist attractions, hospitals, and public security, procuratorial and judicial organs.

INTELLIGENT X-RAY MACHINE

8065 Series Intelligent Security Inspection Machine

Product Size

810(W)×660(H) (mm) (channel)



Main Functions



Image Processing

Black and White, Inverse Color (Negative), High/Low Penetration, Inorganic/Organic Stripping, Super Enhancement, Variable Absorption, Pseudo Color, etc.



One-Click Image Processing

Custom function keys that can quickly process images according to user needs.



Image Zoom

Any area can be dynamically zoomed in and out continuously by 64 times.



Fault Indication

Self-diagnostic function, fault alarm, and easy troubleshooting.



Explosive/High-Density Alarm

Suspected explosives/high-absorption substances in the package can trigger an acousto-optic alarm.



Image Playback

It supports unlimited image playback, with playback capability extending to the first image of the current startup session at most.



Image Storage

It can store 500,000 images and trace back to images from the past 90 days.



Extended Function

6-Color Pseudo Color, AI-Assisted Image Recognition, BB100-Black Box, Fatigue Detection, 7×24-Hour Remote Assistance, Intelligent Security Inspection Management System, Remote Centralized Image Analysis System, Contraband Management System.

Product Description

The 8065 dual-view multi-energy X-ray security inspection equipment can display both the horizontal and vertical views of inspected items simultaneously, enhancing the ability to detect hidden prohibited items inside packages and providing users with a safe, reliable, and intelligent security inspection system service.

Application Scenarios

It is suitable for scenarios such as airports, rail transit, highways, ports, railway stations, and customs.

INTELLIGENT X-RAY MACHINE

100100 Series Intelligent Security Inspection Machine

Product Size

1020(W)×1010(H) (mm) (channel)



Main Functions



Image Processing

Black and White, Inverse Color (Negative), High/Low Penetration, Inorganic/Organic Stripping, Super Enhancement, Variable Absorption, Pseudo Color, etc.



One-Click Image Processing

Custom function keys that can quickly process images according to user needs.



Image Zoom

Any area can be dynamically zoomed in and out continuously by 64 times.



Fault Indication

Self-diagnostic function, fault alarm, and easy troubleshooting.



Explosive/High-Density Alarm

Suspected explosives/high-absorption substances in the package can trigger an acousto-optic alarm.



Image Playback

It supports unlimited image playback, with playback capability extending to the first image of the current startup session at most.



Image Storage

It can store 500,000 images and trace back to images from the past 90 days.



Extended Function

6-Color Pseudo Color, AI-Assisted Image Recognition, BB100-Black Box, Fatigue Detection, 7×24-Hour Remote Assistance, Intelligent Security Inspection Management System, Remote Centralized Image Analysis System, Contraband Management System.

Product Description

The 100100 dual-view multi-energy X-ray security inspection equipment can simultaneously display the horizontal and vertical views of the inspected items, effectively detecting prohibited items in packages. It provides users with a safe, reliable and intelligent security inspection system service.

Application Scenarios

It is suitable for scenarios such as airports, rail transit, highways, ports, railway stations, and customs.

HANDHELD METAL DETECTOR

SPD180

Product Size

410(L)×85(W)×41(H) (mm)



Main Functions

- Easy to Carry**
Easy to operate, comes with a leather case, and is convenient to carry.
- Ultra-High Sensitivity**
Sensitivity can be adjusted as needed, featuring human-centered design, elegant appearance, and ultra-high sensitivity.
- Easy to Use**
Simple and convenient to use, with no adjustment required.
- Voltage Prompt**
When the voltage is insufficient, the indicator light does not turn on or keeps alarming.
- Sturdy and Durable**
No damage occurs when dropped freely from a 1-meter height.
- Rapid Detection**
Light in weight, with a large detection probe area and fast detection speed.
- Selectable Alarm Modes**
Two alarm modes are available, LED audible and visual alarm or vibration alarm.
- Adjustable Sensitivity**
It features external sensitivity adjustment, enabling easy operation to meet different testing requirements.
- Charging Function**
After installing the rechargeable battery, the product can be fully charged directly.
- Indicator Light Status Prompt**
It is equipped with a voltage indicator light/charging indicator light for timely reminders.

Product Description

The SPD180 is a popular handheld metal detector with high cost-effectiveness and stable performance. It is mainly used in places where metal detection is required, such as daily metal anti-theft checks by security personnel, inspections in examination halls and schools to prevent cheating via communication devices, and other unspecified metal detection scenarios. Using this handheld metal detector for personal searches can avoid human rights disputes caused by manual searches.

Application Scenarios

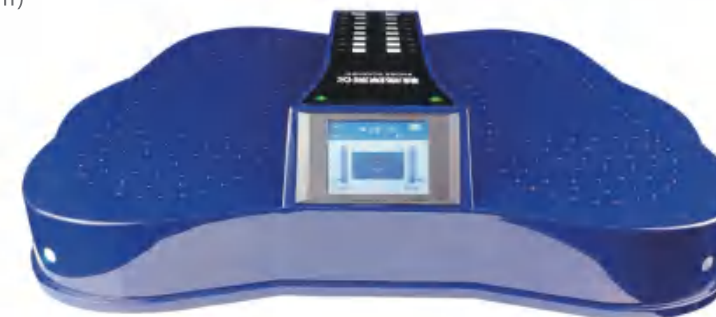
It is suitable for security checks in important places such as school examination halls, airports and railway stations, customs ports, stadiums, large-scale events and conferences, public security, procuratorate, court and justice departments, public places, and border defense departments. It is also applicable for anti-theft checks in precious metal enterprises, including gold and silver jewelry factories, rare metal factories, and electronic component factories.

SOLE METAL DETECTOR

JTCQ-02-L

Product Size

396(L)×295(W)×95(H) (mm)



Main Functions

- Fast-Pass Type**
It enables barrier-free detection, allowing individuals to pass directly after screening. Under normal circumstances, it can detect one person per second.
- Strong Anti-Interference Performance**
It has strong environmental adaptability and can automatically eliminate environmental interferences such as surrounding electromagnetic fields.
- Strong Adaptability**
There are no requirements for the posture of the person being inspected or the size of their shoes.
- Digital Detection**
It automatically counts and accumulates when an alarm is activated. Existing counts can be cleared (the numbers are retained even after the power is turned off, and can be reset to zero via manual reset).
- Versatility**
In special circumstances, it can be used as a handheld metal detector, and can also be attached to a wall for use as a security gate.
- People Counting**
It is equipped with the function of counting the number of alarm-triggering people and the number of inspected people.
- Metal Quantity Display**
Based on the size of the detected metal, the metal quantity display can show the real-time detected metal quantity via a blue indicator bar.
- Sensitivity Adjustable**
The sensitivity of both the left and right sides can be adjusted, and the sensitivity is divided into 100 levels.
- LCD Display**
The entire device is equipped with a 2.4-inch LCD display. It features simple operation and allows for adjustments of left and right sensitivity, as well as volume setting, data statistics, password setting, language setting, and more.
- Long Standby Time**
A single full charge provides a standby time of up to 48 hours.

Product Description

The sole metal detector is a movable/fixed-mount detection device, also known as a sole detector. It is mainly designed as a supporting product to address the weak detection issue at the bottom of current security gates. Currently, it is a highly effective tool for detecting metal contraband hidden inside shoes or in sole areas, and serves as a supplement to security gates.

Application Scenarios

It is suitable for security checks in government law enforcement departments, such as public security organs, procuratorates, court trial chambers, prisons, reeducation-through-labor centers, detention centers, and letters and calls offices at all levels. It is applicable to security inspections at the entrances of various public places in society, including stadiums, entertainment venues, airports, customs, exhibition halls, museums, etc.

VEHICLE UNDERCARRIAGE SYSTEM



Main Functions

- Comprehensive Leadership**
China's first ultra-high frame rate intelligent integrated camera uses its built-in processor to independently complete data collection and intelligent analysis, and generate high-definition under-vehicle images.
- HD 4K Camera & Image Processing**
It fully adopts an imported 4K high-definition lens sensor, with a vertical resolution of up to 4096P pixels, and supports functions such as brightness adjustment, saturation adjustment, contrast adjustment, partial zoom, and overall zoom.
- No Construction Required**
Its overall thickness is only 69 millimeters. No construction is required, which saves a significant amount of construction time and capital investment, and makes maintenance more convenient.
- Remote Management**
It supports functions such as remote management and viewing via the client.
- Camera Access Function**
It supports functions for multiple scene cameras, license plate cameras, face recognition cameras, etc., and also supports blacklist and whitelist management.
- Automatic Comparison Function**
It automatically retrieves historical images for comparison when a vehicle passes through.
- Automatic Exposure**
It automatically adjusts the exposure intensity based on environmental light, chassis height, and other factors to output high-quality scanned images, eliminating the need for secondary manual adjustments such as contrast adjustment.
- Stable and Reliable**
During the production process, the product undergoes rigorous high-low temperature tests, waterproof tests, humidity tests, and vibration tests, ensuring it operates continuously without faults for over 10,000 hours.
- System Functions**
It features functions including power-on self-test, multi-level user management, multi-group device management, system device information, device information query, quick language switching, and USB flash drive software upgrade.
- Secondary Development**
The product is equipped with an open - data interface, which supports secondary development and free docking, and can be integrated into the intelligent management system.

Product Description

The fixed under-vehicle scanning system is equipped with an independently developed intelligent linear array scanning camera with ultra-high frame rate. It can monitor the undercarriage of all passing vehicles in real time and prevent hidden risks such as under-vehicle bombs, human smuggling and drug hiding. Meanwhile, it provides additional functions simultaneously including license plate recognition, face recognition and under-vehicle image comparison, records details of incoming and outgoing vehicles in an all-round way, and is compatible with general IP monitoring systems, which can automatically adapt to various vehicles with different undercarriage heights.

Application Scenarios

It is suitable for government departments, military facilities, customs, border crossings, high-end hotels, toll stations, prisons, and key factories, etc. Meanwhile, it is applicable to all types of vehicles, such as trucks, cars, sports cars, buses, as well as ultra-long vehicles like trains and subways for scanning and inspection.

PORTABLE EXPLOSIVES AND NARCOTICS DETECTOR

SPD-500S

Product Size

170(L)×470(W)×200(H) (mm)



Main Functions

- Accurate Detection**
It adopts vacuum ultraviolet lamp ionization technology. In practical operation, there is no need to aim at the dangerous items inside the package; it only requires wiping the inspected package with a test strip to detect whether it carries dangerous goods, featuring convenient operation and accurate detection.
- Dual-Mode in One Device**
It adopts dual positive and negative modes, allowing a single device to detect both explosives and drugs.
- One - Key Detection**
It features one-click detection, with simple operation.
- Accurate Identification**
It can accurately identify the component types of dangerous items and report the name of the inspected dangerous goods.
- Rapid Analysis**
Its detection and analysis speed is faster than that of similar products, with results available within 3 seconds.
- Automatic Cleaning**
It is lightweight, features a large detection probe area, and offers fast detection speed.
- Automatic Diagnosis**
It is equipped with an automatic fault diagnosis function, which can provide real-time prompts and issue warnings. Users can judge whether the instrument is operating normally based on the warnings.
- Real-Time Update**
It features an open database, allowing the sample library information to be updated at any time.
- Full-Color Screen**
It is equipped with a 2.8-inch TFT color touchscreen.
- Real-Time Storage**
It features functions such as real-time data storage, retrieval, and export, with a storage capacity of no less than 800,000 entries.

Product Description

The portable explosives and drugs detector adopts advanced vacuum ultraviolet lamp ionization technology. It features fast detection speed, high accuracy, simple operation, low false negative and false positive rates, the ability to distinguish types of dangerous goods, low power consumption, small size, light weight, easy portability, simple maintenance, and strong adaptability to operating environments and requirements. It can accurately detect black powder, as well as all explosives and drugs specified by the International Civil Aviation Organization (ICAO).

Application Scenarios

It is suitable for anti-terrorism and security inspection work in departments such as airports, railway stations, customs, border defense, public security, large-scale events and competitions, national defense, anti-smuggling, anti-narcotics, prisons, courts, fire protection, logistics, and the military.

LIQUID SECURITY DETECTOR

SPD-3000

Product Size

520(L)×370(W)×200(H) (mm)



Main Functions

- Easy-to-Operate**
It features fully automatic operation, requiring no manual reset or manual interpretation. After an alarm is triggered, it can automatically reset and proceed to the next detection cycle. It has short detection time and high efficiency.
- A variety of detection types**
It can detect liquid explosives, flammable liquids, corrosive liquids and other hazardous liquids, including more than 40 types such as gasoline, diesel, nitromethane, dichloroethane, toluene, benzene, nitrobenzene, acetone, methanol, ethanol, ethylene glycol, 40% acetaldehyde solution, diethyl ether, isopropyl ether, sulfuric acid, nitric acid, hydrochloric acid, hydrogen peroxide (30% hydrogen peroxide solution), aqueous sodium hydroxide solution and aqueous potassium hydroxide solution, as well as paint.
- Storage Function**
It has a large storage capacity, capable of storing no fewer than 100,000 records.
- Automatic Counting Function**
It counts each liquid item under inspection and each alarm-triggering liquid item separately, with metal detection and non-metal detection counted independently. The detection of metal containers and non-metal containers is carried out without mutual interference.
- Real-Time Data Transmission**
It transmits detection data, alarm information, equipment status and other information in real time via the network.

Product Description

The SPD-3000 is a security inspection device specifically designed for liquid safety screening. It adopts dielectric constant technology to detect liquids in non-metallic and metallic containers that meet the requirements for material and wall thickness. Without opening the containers, it can quickly screen liquids in containers made of plastic, glass, ceramic, metal, flexible packaging, etc., and distinguish them from safe liquids such as water, cola, milk, and fruit juice.

Application Scenarios

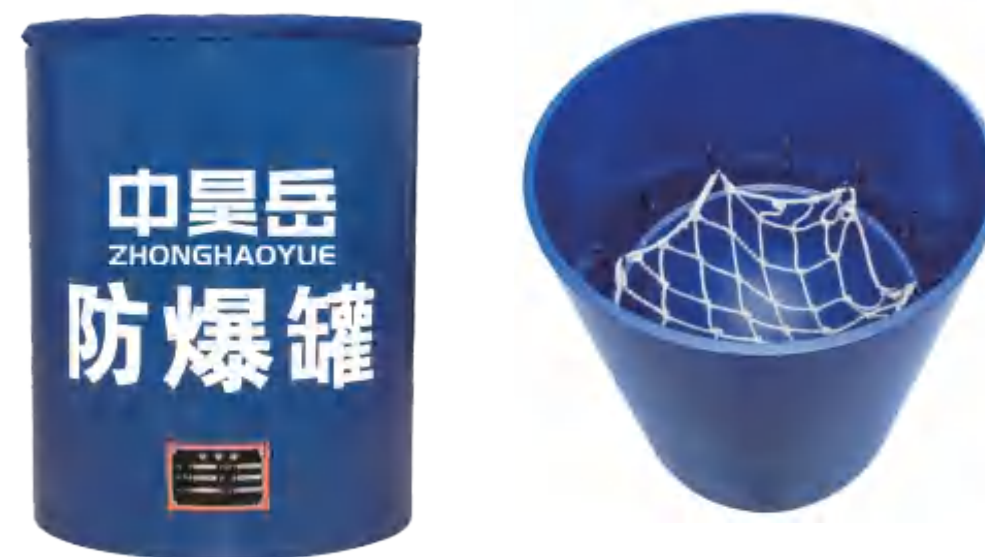
It is suitable for liquid security checks in subways, railways, large-scale events, key locations and other places.

EXPLOSION-PROOF TANK

CBS-FBG07

Product Size

660(OD)×630(ID)×747(H) (mm)
270kg (weight)



Main Functions

- Impact-Resistant Carbon Steel Plate**
The inner and outer layers are made of 15mm high-strength, impact-resistant carbon steel plates, which comply with the relevant requirements for carbon steel plates specified in the standard GB 700-1988.
- Explosion-Proof Capability**
It can withstand the explosive energy of 1.5kg TNT and contain all lateral explosive fragments. The outer tank remains intact without cracks, and no attachments of the tank fall off.
- Long-Lasting Use**
If no explosion occurs, it can be stored for the entire service life.

Product Description

The explosion-proof tank is made of high-strength, impact-resistant carbon steel plates. It features excellent explosion-disposal performance, with an internal mesh bag for stably holding explosives and universal wheels at the bottom for easy transfer and transportation. It can effectively prevent the horizontal spread of shock waves and fragments generated by the explosion of explosives inside the tank, thereby avoiding injuries to personnel in the surrounding area and damage to valuable equipment, cultural relics, archives, and special public places.

Application Scenarios

It is suitable for explosion-proof security inspection departments such as public security, armed police, people's courts, people's procuratorates, civil aviation, railways, ports, customs, key locations and large-scale events.

EXPLOSION-PROOF BLANKET

CBS-FBT06

Product Size

Cover Blanket Dimensions: 1600*1600 (mm)
Fence Dimensions: 590(ID)150(H) (mm) (large fence)
420(ID)300(H) (mm) (small fence)



Main Functions

-  **Anti-Violence Performance**
Type 82-2 Hand Grenade.
-  **Water Penetration Resistance**
Water penetration resistance of the blanket and fence cover materials: Static water pressure resistance is greater than 12 MPa.
-  **Breaking Strength**
Breaking strength of the blanket and fence cover materials: The strength in both warp and weft directions is greater than 1200N.

Product Description

The explosion-proof blanket uses aramid woven fabric—with excellent anti-fragment performance—as its base material. A special sewing process is adopted to ensure full absorption of the energy generated by explosive fragments. It can effectively protect surrounding personnel, valuable items, and special public places from damage caused by shock waves and fragments produced by explosives. It is mainly used for the temporary isolation, temporary storage, and disposal of explosive items.

Application Scenarios

It is an essential explosion-proof piece of equipment for public security, armed police, civil aviation, railways, ports, customs and other (related) departments.

EXPLOSION-PROOF BALL

CBS-FBQ05

Product Size

1100(D)×920(W)×910(H) (mm) (appearance)
680kg (weight)



Main Functions

-  **Filter and Release High-Pressure Gas**
The filter system designed and installed can filter out the thick smoke and toxic gases generated after an explosion, and reduce the pressure of the filtered high-pressure gas before releasing it.
-  **Prevention of Unauthorized Movement**
The stopping mechanism can fix the explosion-proof ball in a designated position, preventing unauthorized personnel from moving it arbitrarily.
-  **Easy-to-Operate**
It is easy to operate: simply swing the long handle back and forth to open or close the ball cover.

Product Description

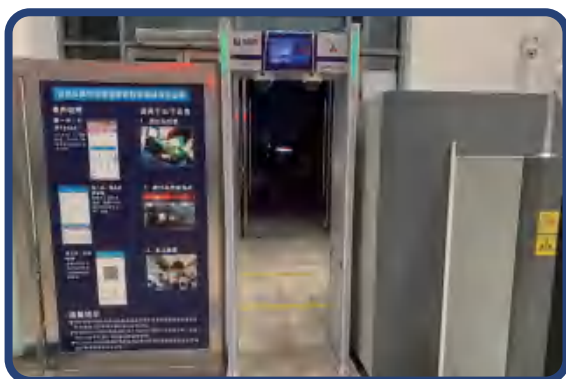
The explosion-proof ball is made of special alloy steel for high-pressure vessels. It has superior explosion disposal performance, which can effectively prevent the shock waves and fragments generated by the explosion of explosives inside the ball from spreading—thus avoiding injuries to surrounding personnel and preventing damage to valuable instruments, cultural relics and archives, as well as special public places. The device's filter system can filter out the thick smoke and toxic gases produced after an explosion, and reduce the pressure of the filtered high-pressure gas before releasing it, providing excellent protection for surrounding personnel and the environment.

Application Scenarios

It is suitable for explosion-proof security inspection departments such as public security, armed police, courts, procuratorates, civil aviation, railways, ports, customs, key locations, and large-scale events.

PROJECT CASES

Transportation Industry



Public Security, Procuratorates, People's Courts and Judicial Administration



Large-Scale Event



Safe and Secure Campus



Enterprises and Public Institutions



Smart Hospitals

