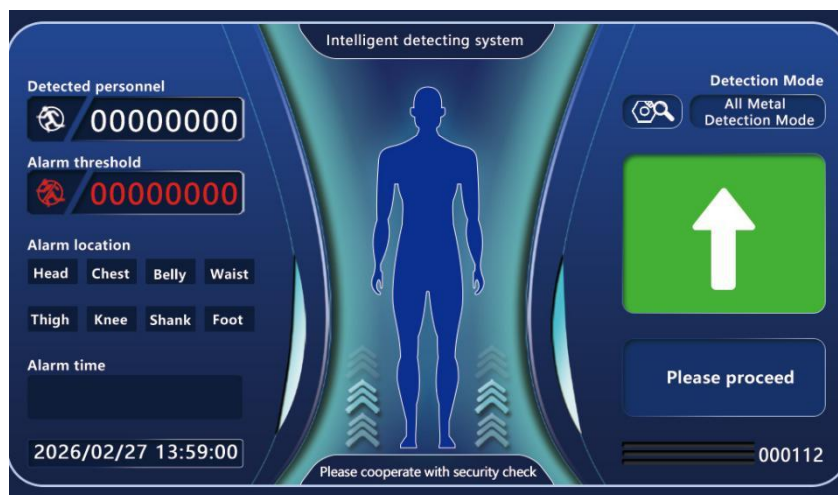


PE-Multi G810

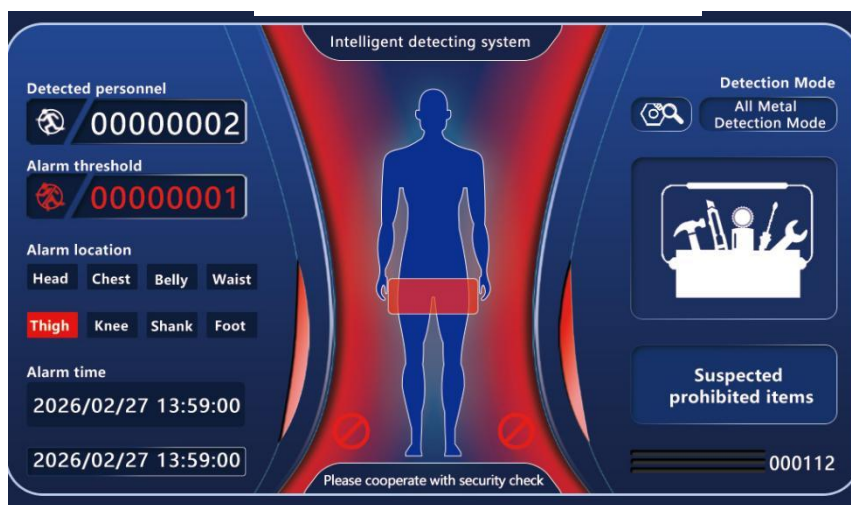
High-Precision Walk-through Metal Detector



Screen Display: Standby or No Alarm



Screen Display: Alarm



Application Scenarios

Ultra-high sensitivity design for detecting extremely small metal objects. Widely applicable in prisons, detention centers, airports, mints, electronics factories, and precious metal and jewelry processing plants.

Professional Focus, Targeted Concentration, Quality Priority, Constant Innovation

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High ambition,sight further Zhonghaoyue Technology (Shenzhen) Co., Ltd.

Product Overview

Zhonghaoyue PE-Multi G810 High-Precision walk-through metal detector: This ultra-high-sensitivity walk-through metal detector, features multi-zone detection technology and a cross-magnetic field design, offering extremely high detection accuracy and exceptional pass-through recognition rates. Equipped with a digital signal processing and filtering system, a specialized operating frequency range, multiple selectable frequency bands, and automatic avoidance of surrounding electromagnetic interference, it possesses outstanding anti-interference capabilities. It can detect very small magnetic and non-magnetic metal objects such as disposable razor blades, sewing machine needles, metal handles, handcuff keys, detonator caps, jewelry, coins, computer chips, memory chips, and other very small magnetic and non-magnetic metals. It supports audible, visual, and graphic alarm functions.

Features

Digital Pulse Technology

Equipped with a digital signal processing and filtering system, it offers excellent resistance to electromagnetic interference. Even when multiple units are placed side-by-side, there is no significant impact on detection performance

Intelligent Display

High-definition LCD touchscreen display; simple to operate with a wealth of information displayed. The screen uses a silhouette diagram to indicate the location of the alarm, and supports functions such as alarm location guidance, alarm time, passage instructions, number of people passing through, number of people triggering alarms, and system time

Detection Accuracy

Capable of detecting extremely small metal objects such as disposable razor blades, sewing machine needles, paper clips, and computer chips

Multi-Zone Precise Localization

Utilizes multi-zone detection technology to precisely locate concealed prohibited items. Combined with a cross-magnetic field design, it offers strong object shape recognition and high clearance rates

Alarm Methods

Audible and visual alarms; a high-brightness alarm light precisely indicates the location of prohibited items; a screen display shows the specific area of the alarm, and provides guidance on the exact location

Automatic Adjustment

Automatic frequency selection and automatic overall sensitivity calibration

Interlock Control

Capable of outputting ≥ 1 control signal to X-ray security scanners, turnstiles, access control systems, time clocks, and other devices requiring mutual control

Data Statistics

Dual-sided infrared beams accurately detect the number of people passing through and the number of alarm triggers, and support separate counting in both directions as well as multiple infrared mode options

Data Storage

Capable of storing data such as the number of people passing through, the number of alarms, and alarm details, with the ability to query historical records; supports storage of $\geq 100,000$ data entries

Passage Indication

The product features a green LED passage indicator: the green LED remains lit when no one is passing through, and turns off when someone is passing through. When the walk-through metal detector triggers an alarm, text prompts such as "No Entry" appear, accompanied by a flashing red LED.

Flying Object Alarm

Accurately triggers an alarm even when a metal object is thrown through the center of the gate

Strong Anti-Interference Capability

Features multiple selectable operating frequencies to automatically avoid surrounding electromagnetic interference. Specialized frequency ranges and digital signal filtering technology ensure stable operation even in complex electromagnetic environments

Technical Specifications

Dimensions:	2270 (H) × 886 (W) × 663 (D) mm	Gross Weight:	94.6 kg
Passage Dimensions:	2010 (H) × 710 (W) × 663 (D) mm	Net weight:	84.6 kg
Packaging Dimensions:	2300 × 710 × 240 mm / 830 × 540 × 290 mm	Power consumption:	<15W
Operating Voltage:	AC 100V–240V, 50/60 Hz	Operating humidity:	95% RH (non-condensing)
Detection range:	Maximum sensitivity: ≥ 0.3 g of metal	Ambient temperature:	-20°C to 65°C
Main Unit Interface:	Supports animated figure display	Alarm location alerts:	Supports alerts for 8 body locations
Alarm Duration:	Supports alarm time display	Passage Count Display	Supported
Passage Indication:	Supported	Display of number of people triggering an alarm	Supported
System Time:	Supported (Year, Month, Day display)	Self-test:	Supports independent self-test of alarm sounds and warning lights
Power-on Self-Test:	Supports automatic diagnostics upon startup, identifies component failures, and issues alerts	Overall sensitivity:	Adjustable from 0 to 255 levels

Operating Frequency:	Adjustable from 1 to 12 levels (supports automatic frequency adjustment)	Zone sensitivity:	Adjustable from 0 to 255
Alarm Volume:	Adjustable from 0 to 100	Alarm tone:	Adjustable from 1 to 100 tones
Count of people passed:	Supports power-off data retention	Data storage:	Supported
Alarm count retention:	Supports power-off data retention	Screen brightness:	Adjustable from 35 to 100 levels
Password Management:	Supported	Factory reset:	Supports one-click factory reset
Display Screen:	10.1-inch HD LCD touchscreen display; the screen uses icons to indicate the location of the alarm, and also supports alarm location guidance, alarm time, passage instructions, number of people passing through, number of people triggering alarms, system time, and other functions		
Infrared Modes:	Supports 4 independent on/off modes: Front Group, Rear Group, Both Groups, and Flying Object Mode		
Application Scenarios:	Supports 24 application scenarios, with expandable scenario functionality		
Installation Environment:	Width 100 cm × Length 200 cm (minimum horizontal distance between metal-free areas)		
Power-outage backup mode:	Independent power supply ensures safe detection during power outages		Optional
Internet Management:	Can be connected to a network for centralized management and log querying		Optional
Alarms on all four sides:	360-degree all-around alarm display		Optional
Compliance Standards:	Interference resistance complies with EN 50082-1		
	Emission compliance with EN 50081-1		
	Electrical safety complies with EN 60950		
	GB 15210-2018 General Technical Specifications for Walk-Through Metal Detectors (National Standard)		
Product Certification:	Certified by the National Security and Alarm System Product Quality Inspection and Testing Center (Shanghai) Certified by the Ministry of Public Security's Quality Supervision, Inspection, and Testing Center for Security Alarm Systems Certified to EU CE, FCC, RoHS, and FDA standards		
Corporate Certifications:	Certified under GB/T 24001-2016 / ISO 14001:2015 Environmental Management System		
	Certified under GB/T 45001-2020 / ISO 45001:2018 Occupational Health and Safety Management System		
	Certified under GB/T 19001-2016 / ISO 9001:2015 Quality Management System		
Order Model: PE-Multi G810, 2 units per carton			
Packing List: 1、User Manual X 1 2、Warranty Card X 1			

Intelligent Detection Series Walk-Through Metal Detector

- 3、Certificate of Conformity X 1
- 4、1.8-meter Power Cord X 1
- 5、Main Unit X 1
- 6、Detection Door Panels X 2
- 7、Bolts X 8
- 8、Allen Wrench X 1
- 9、Main Unit Key X 1