alhua TECHNOLOGY

DHI-ISC-D718
Walk-through Metal Detector

The walk-through metal detector is a high-performance and high-sensitivity security gate that can detect body temperature. The device has high metal detection sensitivity, light weight, strong anti-interference, and stable performance. It uses high-strength special materials which is light-weighted and easy to transport and install. The Device has a modular design and is manufactured on the unified assembly lines, so it can ensure the good stability. It also has delivers intuitive interface and simple use, so no operation training is required to use it.

System Overview

The walk-through metal detector uses electromagnetic field to detect carry-on metal articles, and gives sound and light alarm to indicate that carry-on metal is beyond a certain threshold. It consists of host, high-frequency signal generator, signal receiver, and infrared sensor, with a beautiful appearance, strong metal detection capability, 18 detection zones, a unique Internet remote management system, and light weight. It is currently a leading metal detection door in the market.

Functions

Start-stop Technology
The IR metal detector supports manual start-stop technology for longer service life.

Sensitivity Adjustable
Adjusts the sensitivity for each detection zone as required.

- Two sets of high-brightness red-green LEDs, super bright double-row area indicator lights and independent interactive 18-zone function with 12 detectors
- 7-inch full-color touch-screen LCD display
- Easy to install and use with modular design
- Safe use with low voltage design
- Stable running with anti-loose aviation power plug
- High-strength Fire retardant High-pressure Laminate(HPL) material
- Monitor and show background interference in real time
- Count the numbers of passes and alarms respectively
- Count the numbers of people entering and exiting the metal detector, and the number of alarms
- Human shaped alarm position indication
- Alarm strength display
- Ultra-high sensitivity
- 72 application scenarios and extra 16 customize scenarios
- Zone sensitivity adjustable from 0 to 255
- Security degree adjustable from 0 to 99
- 100 working frequencies selectable
- Alarm sound volume adjustable from 0 to 10; support mute mode
- 17 alarm sound types
- Multiple start-stop modes for IR
- Power-on self-test
- Remote monitoring and configuration through network

Alarm
Supports sound and light alarm for timely alert. The sound duration and volume is adjustable.

Information Search
The system supports real-time information search.

Password Protection
Supports multi-digit password protection.

Self-test System
Supports manual and automatic self-test.

Network Operation
Supports parameter configuration and report exportation through the web interface.

Detection Capability

Detects 60 to 100 people per minute.

Security Protection

The device uses a weak magnetic field and complies with electromagnetic radiation standards to ensure that it is harmless to pregnant women and does not interfere with cardiac pacemakers, floppy disks, photographic film, and videotapes.

Scene

The walk-through metal detector can be widely used in train stations, bus stations, metros, government buildings, exhibition centers, sports meetings, conferences, schools and other occasions.

Technical Specification

General

Overall Exterior Size	2210 mm × 928 mm × 572 mm (87.0" × 36.5" × 22.5")
Passageway Interior Size	2057 mm × 714 mm × 572 mm (81.0" × 28.1" × 22.5")
Packing Size	2409 mm × 868 mm × 304 mm (94.8" × 34.2" × 12.0")
Net Weight	45 kg (99.2 lb)
Gross Weight	68 kg (149.9 lb)
Operating Voltage	12V, 100-240V AC Power adapter included in the package
Max Power Consumption	12W
Standby Power Consumption	10W
Operating Temperature	−20°C to +65°C (−4°F to +149°F)
Operating Humidity	0%−95%
Storage Temperature	−20°C to +70°C (−4°F to +158°F)
Storage Humidity	0%−95% RH
Working Frequency	1–100 frequencies

Ports

Bottom Panel Port	Aviation power connector, 1 on each side
Bottom Panel Network Port	RJ-45, 1 on each side

Certification

Certifications	GB15210-2018 IEC 60068-2-1 IEC 60068-2-2 CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B

Ordering Information

Type	Model	Description
Walk-through Metal Detector	DHI-ISC-D718	Walk-through Metal Detector

Dimensions (mm [inch])