

# DHI-ISC-D218

## Walk-through Metal Detector



The walk-through metal detector adopts electromagnetic field to detect of carry-on metal articles, and uses sound and light alarm to indicate that the carry-on metal is more than a certain amount. It consists of a host, a high-frequency signal generator, a signal receiver, and an infrared sensor, with a beautiful appearance, strong metal detection capability, 6 detection zones, a unique Internet remote management system, and light weight. It is currently a leading metal detection door in the market.

### System Overview

Walk-through metal detector is a high-performance security gate. 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.

### Functions

#### Start-stop Technology

The IR Sensor supports manual start-stop technology for longer service life.

#### Sensitivity Adjustment

Adjusts the sensitivity for each detection zone as required.

#### Alarm

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

- Two sets of high-brightness red-green LEDs, super bright double-row area indicator lights and independent interactive 18-zone function with 12 detectors
- Count the numbers of passes and alarms respectively
- 72 application scenarios selectable
- Zone sensitivity adjustable from 0 to 399
- Security degree adjustable from 0 to 99
- 50 working frequencies selectable
- Alarm sound volume adjustable from 0 to 99; support mute mode
- 100 alarm tones selectable
- Multiple start-stop modes for IR
- 100 alarm duration levels selectable
- Support using remote control for configuration
- 2 pairs of sensors, and multiple start-stop modes
- High-strength Fire Retardant High-pressure Laminate (HPL) material
- Easy to install and use with modular design

### Detection Capability

Detects 60 to 100 people per minute.

### Filtering Item

Define the filtering criteria for metal items. Set the weight, volume, size, and the parts of a metal item. Use to exclude keys, jewelry, belt buckles, and other metal items that should not trigger an alarm.

### 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 sports meetings, conferences, schools and other occasions.

**Technical Specification**

**General**

Overall Exterior Size	2210 mm × 928 mm × 572 mm (87" × 36.5" × 22.5")
Passageway Interior Size	2057 mm × 714 mm × 421 mm (81" × 28.1" × 16.6")
Packing Size	2409 mm × 868 mm × 303.5 mm (94.8" × 34.2" × 11.9")
Net Weight	45 kg (99.2 lb)
Gross Weight	62 kg (136.7 lb)
Operating Voltage	90V–240V AC 50/60Hz
Max Power Consumption	9 W
Standby Power Consumption	8 W
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%–90% RH
Working Frequency	1–50 frequency ranges (5000–8999Hz)
With Remote Control	Yes

**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
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**Ordering Information**

Type	Part Number	Description
Walk-through Metal Detector	DHI-ISC-D218	Walk-through Metal Detector DHI-ISC-D218

**Dimensions (mm[inch])**

