

DHI-ISC-D718R-I

Walk-through Metal Detector



Featured strong anti-interference and stable performance, the device stands out from the industry by its high superior precision, unmatched performance and high sensitivity. Its high-strength special materials make it convenient to transport and install. Meanwhile, its stability benefits from modular design and unified assembly line. It also delivers a simple and user-friendly interface for the user to operate without any training.

Introduction

The Walk-through Metal Detector integrates metal detection, video surveillance and storage. It features metal detection, personnel detection and comparison, video surveillance, data report generating from alarm data statistical analysis, face video playback and other functions, which facilitates higher integration, less site construction and lower costs.

Features

Adjustable Sensitivity

The sensitivity of each detection area can be manually adjusted to achieve different sensitivity requirements at different positions.

Face Database

Supports the storage of 300,000 faces.

Allowlist

Supports the detection exclusion for people in the allowlist.

Alarm Prompt

Its sound and light alarms offer the clearest prompt. And the adjustable alarm duration meets the needs of different users.

Query Function

Real-time information query of the passing people.

- 18 detection zones. Displays environmental interference, sound & light alarms and alarm zones in real time.
- Supports sensitivity adjustment of the inspected objects, 10,000 levels of sensitivity can be adjusted.
- Supports the threshold mode. The device detects only the metal that exceeds the threshold.
- Supports 7,000 adjustable frequencies and auto frequency search.
- Dual 10.1" HD LCD displays video surveillance, snapshots and metal alarms.
- Video surveillance, built-in video storage and playback.
- Up to 30,000 personnel database achieves quick personnel comparison and alarms.
- VIP mode allows the VIP to pass without a metal alarm.
- Blocklist personnel alarm.
- Counting passing number, pass/return numbers, and alarm number.
- Stores up to 2 million data that can be exported and information of passing, alarm and person.

Password Protection

Multi-digit password protection

Self-test System

POST (power on self-test) function.

Network Interconnection

Through the network, the parameters of the detector can be configured, and the pass number, alarm number and personnel information can be exported.

Safety

Meets EMC electromagnetic radiation standards.

Scene

Suitable for security screening in railway stations, bus stations, subway rail transit, government buildings, exhibition centers, sports meetings, conferences, schools and more.

Technical Specification

System

Display	2×10.1-inch LCD screen
Operating Interface	WEB, local GUI operation

Metal Detection

Sensitivity	0–9,999 levels adjustable
Frequency	5–12 kHz
Minimum Detection Target	Half paperclip-sized metal objects
Zone	6/12/18 adjustable zones
Alarm Sound	9 alarm sounds selectable
Alarm Volume	0–8, 9 levels adjustable

Camera

Image Sensor	1/1.8" CMOS
Max. Resolution	2,688 (H) × 1,520 (V)
Pixel	4 MP
Focal Length	3.6 mm
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s

Personnel Intelligence

Intelligent Playback (Face Detection)	1. Query conditions: Search pictures by pass channel, time and personnel attributes. 2. Function: Supports the query results to associate playback of 10-second videos before and after the event, and supports export of search results to excel, videos, and pictures. 3. Historical library capacity: 10 million.
Personnel Database Management	1. Import method: single/batch import of the personnel pictures through the browser, the single import speed is 10 pic/sec. 2. Input personnel information: name, gender, birthday, province, city, certificate type, and certificate number. 3. Database capacity: Up to 10 personnel databases with 300,000 pictures can be created, and the total capacity is 50 G. 4. Image requirements: jpg format, maximum 4M for a single image, pixel 100 × 100–6,000 × 5,000.
Personnel Comparison	Supports deployment of multiple personnel databases, alarm prompts, video linkage, capture, IPC external alarm output, voice prompt, buzzer, log and mail. Performance: The AI by device function supports 1-channel personnel comparison (1080p video stream).

Recording Management

Recording Method	Auto recording; manual recording; alarm recording; scheduled recording
Video Playback	4-channel
Backup	Browser backup
Playback Method	Instant playback; conventional playback; event playback; label playback; Intelligent playback (personnel, dynamic detection)
Video Compression	Smart H.265; H.265; Smart H.264; H.264

Alarm

Anomaly Alarm	Supports the alarms for IPC disconnection, storage error, full storage, IP conflict, MAC conflict and login lock.
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Intelligent Alarm	Supports personnel detection, personnel comparison and IVS (tripwire and area intrusion).
Alarm Linkage	Video, capture, IPC external alarm output, voice prompt, buzzer, log record, preset point and mail.

Network

Protocol	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; P2P; IPv6
Interoperability	ONVIF (Profile S&G);GB/T28181;CGI;SDK
Browser	IE11, Google (Configuration only)

External Port

HDD Port	2*SATA ports
RS-485 Port	*1
USB Port	4*USB 3.0 (1 for program upgrade of the device, 1 for connecting mouse to control system settings, 1 for program upgrade of information release, 1 for connection mouse to control information release function.)
Network Port	1*RJ-45 ports per panel
Voice Output Port	*1
POE Port	*4

General

Power Supply	100–220VAC, 50-60Hz
Power Consumption	Active Power 60W
Case	24 kg (52.91 lb)
Panel	50 kg (110.23 lb)
Product Dimensions	2257mm×854mm×579mm (88.86"×33.62"× 22.80")
Packaging Dimensions	H × W × D: Packing Box (Detector panel): 2310 mm × 650 mm × 260 mm (90.94" × 25.59" × 10.24") Packing Box (Host box): 863 mm × 554 mm × 439mm (33.98" × 21.81" × 17.28")
Operating Temperature	–20 °C to 60 °C (–4 °F to 140 °F)
Storage Temperature	–20 °C to 65 °C (–4 °F to 149 °F)
Working Humidity	≤93%RH, non-condensing
Storage Humidity	≤93%RH, non-condensing

Accessories

Others	No HDD by default. The host and its supporting detector panels need to be ordered separately.
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Ordering Information

Type	Model	Description
Walk-through Metal Detector	DHI-ISC-D718R-I	Walk-through Metal Detector

Dimensions (mm[inch])

