

DHI-ISC-D718S-x

Walk-through Metal Detector



The Walk-through Metal Detector integrates metal detection, video surveillance, storage and information release. 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.

Series Overview

Featured strong anti-interference and stable performance, the DHI-ISC-D718S-x Walk-through Metal Detector stands out from the industry by its superior precision, unmatched performance and high sensitivity. The device adopts the original industrial design and innovative dual-screen interactive interface, which contributes to a simple and atmospheric appearance. Its completely modular design concept ensures the stability of the product and user-friendly interface provide user with simple operation without any training. Equipped with an embedded intelligent camera, it supports capture and identification functions. In a word, it improves the security data, facilitates the management of security records, and realizes the integration of intelligent security.

Features

Information Release

Supports the instant release of pictures, text, rich text, and video information.

Face Database

Supports the storage of 300,000 faces.

Allowlist

Supports the detection exclusion for people in the allowlist.

Adjustable Sensitivity

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

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.

Password Protection

Multi-digit password protection

Self-test System

POST (power on self-test) function.

- Supports sensitivity adjustment of the inspected objects, 10,000 levels of sensitivity can be adjusted.
- Front and rear 29-inch large screens. The screens adopt a downward-angle design which confirms to the ergonomic principles;
- Real-time security status of complete security channel information is available in the security live view interface.
- Supports the storage of pass number/day, alarm number, alarm information, person information and more. It can store up to 2 million data that can be exported (Optional hard disk required).
- Supports the detection of the metal carried by the people passing through the detector. And the detector alarms when the metal content exceeds the preset value, which includes sound alarms and alarm area display.
- Its sound and light alarms offer the clearest prompt, and the adjustable alarm duration meets the needs of different users.
- Not only does it support the capture and video surveillance of the people passing through the detector, but also supports intelligent personnel comparison, video playback and more.
- Supports 300,000 faces storage and 10 face databases. The smart camera interface can be directly displayed on the front/rear color screen without an external device.
- The entry screen supports the information release function, which supports the instant release of pictures, text, rich text and video information; Supports local release.
- The device supports multi-digit password protection to create different user group permissions. The host supports pattern unlock login.
- Through the network, the parameters of the detector can be configured, and the pass number, alarm number, personnel capture record and personnel comparison can be exported.
- Meets EMC electromagnetic radiation standards.

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.

Detection Capability

Supports the adjustment of the sensitivity of the detected objects.

Safety

In line with EMC electromagnetic radiation standards, using weak magnetic field technology, no harm to pacemaker wearers, pregnant women, floppy disks, film, video tapes, etc.

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	Front and rear 29-inch LCD screens (1,920 x 540)
Operating Interface	WEB, local GUI operation

Metal Detection

Sensitivity	0–9,999 levels adjustable
Frequency	5–12 kHz
Zone	6/12/18 adjustable zones
Alarm Sound	9 alarm sounds selectable
Alarm Volume	0–8, 9 levels adjustable

General

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.
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

USB Port	4*USB 3.0
Network Port	2*RJ-45 ports per panel

Information Release

Main Processor	RK3288W
Operating System	Android 8.1
CPU	4-Core, 1.5GHz
RAM	2 GB
ROM	16 GB
Video Decoding	Supports 4-channel 1080P or 2-channel 4K
Information Release	Supports the instant release of pictures, text, rich text, and video information.
Scrolling Subtitle	Supports screen overlay scrolling subtitles.
Play Mode	Supports insertion, designated time period and periodic play.
Play Time Customization	Play time can be customized, and the play plan can be set by day or week.
Audio Compression	MPEG-4/H.264/H.265/MIDI/MP3/AAC/Matroska/PCM/WAVE
Auto Power On/Off	Supports scheduled power on/off.
Time	Supports real-time update of time.

General

Power Supply	90-260 VAC, 47-64 Hz
Power Consumption	Active Power 80W
Case	32 kg (70.55 lb)
Panel	73 kg (160.94 lb)
Product Dimensions	2,470 mm × 911 mm × 704 mm (97.24" × 35.87" × 27.72")
Packaging Dimensions	H × W × D: Packing Box (Detector panel): 2,562 mm × 768 mm × 267 mm (100.87" × 30.24" × 10.51") Packing Box (Host box): 869 mm × 564 mm × 515 mm (34.21" × 22.20" × 20.28")
Tunnel Size	2001 mm × 747 mm × 640 mm (78.78" × 29.41" × 25.20")

Operating Temperature	−15 °C to 45 °C (5 °F to 113 °F)
Storage Temperature	−20 °C to 65 °C (−4 °Fto 149 °F)
Working Humidity	≤93%RH, non-condensing
Storage Humility	≤93%RH, non-condensing

Accessories

Others	No hard disk is shipped by default. Optional (3.5"SATA interface) 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-D718S-I	DHI Walk-through Metal Detector DHI-ISC-D718S-I
	DHI-ISC-D718S-D	DHI Walk-through Metal Detector DHI-ISC-D718S-D

Dimensions (mm[inch])

