

# DHI-ASI7213S-W

Dahua Face Recognition, Card Swiping, Password Face Recognition Access Controller



- 7" LCD with a resolution of 1024 × 600.
- The 2-MP dual-lens CMOS camera and high-performance image sensor ensure accurate recognition even in poor lighting and dark locations that lack illumination.
- Features auto illumination to effectively reduce light pollution.
- Supports 50,000 users (up to 50 administrators), 50,000 faces, 50,000 passwords, 100,000 cards, and 300,000 records.
- Multiple unlock methods including face, card, password and QR code. You can also combine them to create your own personal unlock methods.
- Displays the face bounding box and detects the face that occupies the most pixels in real time. You can also set target face filtering by configuring the face pixel threshold.
- Recognizes faces 0.3 m to 2.0 m away (0.98 ft–6.56 ft), and detects persons between the height of 0.9 m and 2.4 m (2.95 ft–7.87 ft) when the camera is installed 1.4 m above the ground.
- Powered by the face recognition deep learning algorithm, the device can accurately locate over 360 key points on the face of a target.
- Faces can be recognized within 0.2 seconds, without need for the person to touch the device.
- Features face mask detection and safety helmet detection.
- Multiple display modes and voice prompts are available for broadcasting recognition results to protect the privacy of users.
- Features face mask detection and safety helmet detection.
- Liveness detection is used to detect spoof attempt, such as using a photo or video to gain access.
- Offers multiple types of alarms such as duress, tamper, intrusion, unlock timeout, and excessive use of illegal card and password.
- Supports different types of users, including general, patrol, blacklist, VIP, guest and other.
- Supports making video calls with indoor monitors, the master station, and mobile app.
- TCP/IP and Wi-Fi connection, auto registration, P2P registration, and DHCP.
- Supports beautifying faces.
- Recognizes up to 6 faces at the same time.
- Plays advertisements in video and image format.
- Online update and update through USB.
- Connects to DSS Pro and SmartPSS Lite.

## Scene

It is widely used in parks, communities, business centers and factories, and ideal for places such as office buildings, government buildings, schools and stadiums.

## Technical Specification

### System

Main Processor	Embedded Processor
Network Protocol	UDP; TCP; IPv4; RTSP; SIP; P2P; RTP
OSDP Protocol	Yes
Interoperability	CGI; ONVIF
SDK and API	Yes

### Basic

Product Type	Standalone
Display Screen	7" LCD
Screen Type	Capacitive Touchscreen
Screen Resolution	600 (H) × 1024 (V)
Camera	2-MP dual-lens CMOS camera
WDR	DWDR
Light Compensation	Auto IR
Voice Prompt	Yes
Casing Material	Tempered glass/PC

### Function

Verification Method	Card; remote; password; face; combination unlock
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Card Type	IC card; Desfire card (EV3,Compatible with Dahua card by default)
Period List	128 periods
Holiday Period	128 periods
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Wi-Fi	Yes
Wireless Standard	802.11b/g/n
Wireless Frequency Range	2.400 GHz–2.472 GHz
Max Transmission Power	≤20 dBm@2400-2483.5 MHz
Advertisement Playing	Support graphic advertisement play
Peripheral Card Reader	Supports 1 × RS-485 card reader; 1 × Wiegand card reader
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Multi-factor Authentication	Yes
Capture Function	Yes
Web Configuration	Yes
Auto Registration	Yes

## Performance

Card Reading Distance	0 cm–3 cm (0"–1.18")
Face Recognition Height Range	0.9 m–2.4 m (2.95 ft–7.87 ft)
Face Recognition Distance	0.3 m–2.0 m (0.98 ft–6.56 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.2 s
Supported Codes	QR code
Code Type	Electronic code; printed code

## User

User (Card) Type	General users, patrol users, blocklist users, VIP users, guest users, custom user 1, custom user 2, and other users
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## Capacity

User Capacity	50000
Face Image Capacity	50000
Card Capacity	100000
Password Capacity	50000
Record Capacity	300000

## Port

RS-485	1
RS-232	1
Wiegand	1 (input or output)
USB	1 × USB 2.0 port
Network Port	1 × RJ-45 10/100 Mbps Ethernet port
Alarm Input	2 (digital quantity)
Alarm Output	1 (relay)
Alarm Linkage	Yes
Exit Button	1
Door Status Detection	1
Lock Control	1

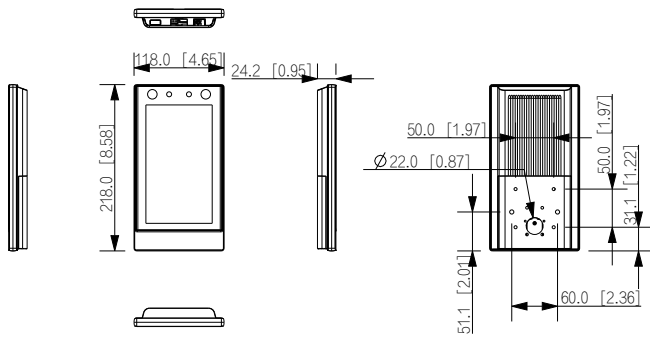
## Alarm

Anti-pass Back	Yes
Tamper Alarm	Yes
Duress Alarm	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card Exceeding Threshold	Yes

## General

Power Adapter	Included
Power Supply	12 VDC, 2 A
Power Consumption	≤24 W
Product Dimensions	218 mm × 118 mm × 24.2 mm (8.58" × 4.65" × 0.95") (H × W × D)
Packaging Dimensions	Carton: 299 mm × 164 mm × 72 mm (11.78" × 6.46" × 2.83") (H × W × D) Protection box: 390 mm × 320 mm × 360 mm (15.35" × 12.60" × 14.17") (H × W × D)
Operating Temperature	–20 °C to +55 °C (–4 °F to +131 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Altitude	0 m–1,300 m (0 ft–4,265.09 ft)
Operating Environment	Indoor
Gross Weight	0.67 kg (1.48 lb)
Accessory	Included: Wall mount bracket
Installation	Turnstile Mount; 86 case mount; wall; floor bracket mount

Dimensions (mm[inch])



Application

