

DHI-ASI7214S-W

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



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

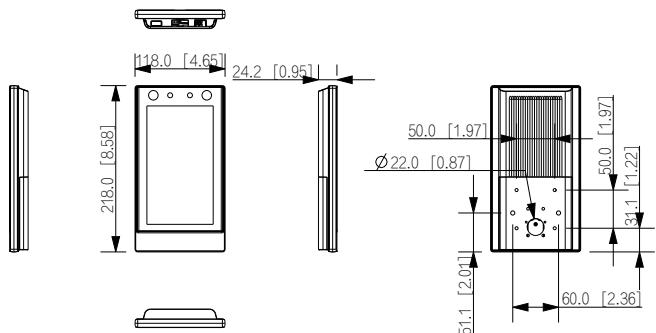
Function

Verification Method	Card; remote; password; fingerprint; face; combination unlock
Card Type	IC card; Desfire card (EV3,Compatible with Dahua card by default)

- 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, 10,000 fingerprints and 300,000 records.
- Multiple unlock methods including face, card, password, fingerprint 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.
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- 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, blocklist, VIP, guest and other.
- Supports making video calls with indoor monitors, the main 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.

Period List	128 periods	Password Capacity	50000
Holiday Period	128 periods	Record Capacity	300000
Network Update	Yes	Port	
First User Unlock	Yes	RS-485	1
Remote Verification	Yes	RS-232	1
Restricted List/Trusted List	Yes	Wiegand	1 (input or output)
Wi-Fi	Yes	USB	1 × USB 2.0 port
Wireless Standard	802.11b/g/n	Network Port	1 × RJ-45 10/100 Mbps Ethernet port
Wireless Frequency Range	2.400 GHz–2.472 GHz	Alarm Input	2 (digital quantity)
Max Transmission Power	≤20 dBm@2400-2483.5 MHz	Alarm Output	1 (relay)
Advertisement Playing	Support graphic advertisement play	Alarm Linkage	Yes
Peripheral Card Reader	Supports 1 × RS-485 card reader; 1 × Wiegand card reader	Exit Button	1
Multi-user Authentication	Yes	Door Status Detection	1
Real-time Monitoring	Yes	Lock Control	1
Multi-factor Authentication	Yes	Alarm	
Capture Function	Yes	Anti-pass Back	Yes
Web Configuration	Yes	Tamper Alarm	Yes
Auto Registration	Yes	Duress Alarm	Yes
Performance		Door Sensor Timeout	Yes
Card Reading Distance	0 cm–3 cm (0"–1.18")	Intrusion	Yes
Face Recognition Height Range	0.9 m–2.4 m (2.95 ft–7.87 ft)	Illegal Card Exceeding Threshold	Yes
Face Recognition Distance	0.3 m–2.0 m (0.98 ft–6.56 ft)	Duress Fingerprint	Yes
Face Recognition Accuracy	99.9%	General	
Face Recognition Time	0.2 s	Power Adapter	Included
Fingerprint Sensor Type	Capacitive	Power Supply	12 VDC, 2 A
Fingerprint Verification Mode	1:N	Power Consumption	≤24 W
Fingerprint Comparison Time	1.5 s	Product Dimensions	218 mm × 118 mm × 24.2 mm (8.58" × 4.65" × 0.95") (H × W × D)
Fingerprint Recognition Time	0.5 s	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)
Supported Codes	QR code	Operating Temperature	–20 °C to +55 °C (–4 °F to +131 °F)
Code Type	Electronic code; printed code	Operating Humidity	0%–90% (RH), non-condensing
User		Operating Altitude	0 m–1,300 m (0 ft–4,265.09 ft)
User (Card) Type	General users, patrol users, blocklist users, VIP users, guest users, custom user 1, custom user 2, and other users	Operating Environment	Indoor
Capacity		Gross Weight	0.67 kg (1.48 lb)
User Capacity	50000	Accessory	Included: Wall mount bracket
Face Image Capacity	50000	Installation	Turnstile Mount; 86 case mount; wall; floor bracket mount
Fingerprint Capacity	10000		
Card Capacity	100000		

Dimensions (mm[inch])



Application

