

DHI-ASI3214A-W-E1

Dahua 4.3-inch Face Recognition Access Controller



Series Overview

The Dahua Face Recognition Access Controller is equipped with a high-quality 2-MP CMOS dual-lens camera and advanced intelligent recognition algorithms. With an exceptional accuracy rate of 99.9%, this powerful controller effortlessly conducts speedy recognition in just 0.2 seconds. Moreover, it offers flexible support for multiple verification methods to cater to diverse scenes.

- 4.3 inch glass touch screen with a resolution of 480 × 272.
- 2-MP wide-angle dual-lens camera with IR illumination and DWDR.
- Multiple unlock methods including fingerprint, face, card and password. You can also combine them to create your own personal unlock methods.
- Supports mask detection.
- Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft), and detects persons between the height of 1.1 m and 2.0 m (3.61 ft-6.56 ft) when the camera is installed at 1.4 m (4.5 ft).
- Supports 3,000 users, 3,000 faces, 3,000 passwords, 5,000 cards, 3,000 fingerprints, 50 administrators, and 50,000 records.
- Liveness detection has a face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2 s per person.
- TCP/IP and Wi-Fi connection, auto registration, P2P registration, and DHCP.
- Supports making video calls and using the app to receive alarm notifications, remotely unlock doors and to perform other tasks.
- Online update and update through USB.

Technical Specification

System

Main Processor	Embedded Processor
Network Protocol	IPv4;RTSP;UDP;P2P;IPv6;RTP;TCP;SIP
OSDP Protocol	Yes
Interoperability	ONVIF;CGI

SDK and API	Yes
Basic	
Product Type	Standalone
Display Screen	4.3-inch display screen
Screen Type	Capacitive Touchscreen
Screen Resolution	480 (H) × 272 (V)
Camera	2-MP CMOS HD dual-lens camera
WDR	DWDR
Light Compensation	Auto IR
Voice Prompt	Yes
Buzzer	Yes
Casing Material	PC + ABS

Function

Verification Method	Card;Password;Fingerprint;Remote;Face Recognition
Door Open Notification Mode	Minimal Mode;Simple Mode;Standard;Contrast Mode
Period List	128 periods
Holiday Period	128 groups
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Peripheral Card Reader	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

RFID

Card Type	IC card;Desfire card (EV3,Compatible with Dahua card by default)
Modulation Type	ASK
Frequency Range	13.56 MHz
Max. Transmission Power	42dBuA/m @10m

Face Recognition Access Controller | DHI-ASI3214A-W-E1

Network	
Max. Transmission Power	≤20dBm@2400-2483.5 MHz
Wi-Fi	Yes
Wireless Standard	IEEE 802.11b;IEEE 802.11g;IEEE 802.11n
Wireless Frequency Range	2.4 GHz
Performance	
Card Reading Distance	0 cm–3 cm (0"–1.18")
Face Recognition Height Range	1.1 m–2.0 m (3.61 ft–6.56 ft)
Face Recognition Distance	0.3 m–1.5 m (0.98 ft–4.92 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.2 s
Fingerprint Sensor Type	Capacitive
Fingerprint Verification Mode	1:N
Fingerprint Comparison Time	1.5 s
Fingerprint Recognition Time	0.5 s
Read Speed (QR Code)	500 ms
Code Type	Paper Electronic
User	
User (Card) Type	Normal user; VIP users; patrol users; guest user; blocklist user; other user; custom user 1; custom user 2
Capacity	
Face Image Capacity	3,000
User Capacity	3,000
Fingerprint Capacity	3,000
Card Capacity	5000
Password Capacity	3,000
Record Capacity	50,000
Port	
RS-485	1
Wiegand	1
USB	1 × USB 2.0
Network Port	1 × RJ-45 10/100 Mbps self-adaptive Ethernet port
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
Duress Fingerprint	Yes

General	
Power Adapter	Included
Power Supply	12 VDC, 1.5 A
Power Consumption	≤18 W
Product Dimensions	115.0 mm × 118.0 mm × 27.1 mm (4.53" × 4.65" × 1.07") (H × W × W)
Packaging Dimensions	190 mm × 179 mm × 127 mm (7.48" × 7.05" × 5") (L × W × H) (protection box)
Transport Package Dimensions	190 mm × 179 mm × 127 mm (7.48" × 4.65" × 5.00") (L × W × H, protection box)
Operating Temperature	–10 °C to +40 °C (+14 °F to +104 °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	400 g (0.88 lb)
Accessory	Wall mount bracket (included)
Installation	Wall Mount;Desk Mount;86 mm Junction Box Mount
Storage Temperature	–20 °C to +70 °C (–4 °F to +158 °F)
Storage Humidity	30%–75%

Ordering Information		
Type	Model	Description
Face Recognition Access Controller	DHI-ASI3214A-W-E1	Dahua 4.3-inch Face Recognition Access Controller

Dimensions (mm[inch])

