

DHI-ASI7213G-WG1

Dahua 7-inch 4G Face Recognition Access Controller



- Features a 7-inch LCD screen with a resolution of 600 (H) x 1024 (V) .
- 4MP CMOS Visible Light Lens + 2MP CMOS IR Lens that supports WDR.
- Unlocks through face, card, password, Bluetooth and QR code. You can also combine these methods to create your own personal unlock methods and designate unlock periods.
- Supports up to 100,000 users, 100,000 faces, 500,000 cards, 100,000 passwords, 50 administrators, and 300,000 records.
- Recognizes faces 0.3 m to 3.0 m away (0.98 ft–9.84 ft) with an accuracy of 99.9% and a 1:N comparison time of 0.1 seconds per person.
- Connects with the door security module to prevent forced entry and enhance security.
- Supports visitor QR codes and the doorbell function.
- Supports video intercom and you can operate on the app.
- Supports TCP/IP and Wi-Fi connectivity, is IP65 rated.
- Plays advertisements in video and image formats.
- Supports external power output, with a maximum output of 12V 1A under 12 VDC power supply.
- Supports expansion modules such as fingerprint, QR code, dual-frequency card swiping and doorbell.

Technical Specification

System

Main Processor	Embedded Processor
Button Type	Touch button
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	7-inch display screen
Screen Type	Capacitive Touchscreen
Screen Resolution	600 (H) × 1024 (V)
Camera	4 MP+2 MP CMOS HD dual camera
WDR	120 dB
Light Compensation	Auto IR
Voice Prompt	Yes
Speaker	Yes
Casing Material	Glass; PC; PC+GF

Function

Verification Method	Card;Password;QR Code;Face Recognition;Bluetooth
Sub-Module Expansion	Yes
Sub-Module Verification Method	Card swiping;Fingerprint;QR Code
Door Open Notification Mode	Yes
Frequency Range	2400–2483.5 MHz
Max. Transmission Power	≤20 dBm@2400–2483.5 MHz
Period List	128 groups
Holiday Period	128 groups
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Network Mode	Supports 4G
4G Frequency Band	FDD:B2/3/4/5/7/8/28/66; TDD:B38/40/41
Bluetooth	Yes
Bluetooth Standard	BLE5.4
Advertisement Playing	Plays advertisements in video and image format
Peripheral Card Reader	Supports 1 × RS-485 card reader; Supports 1 × Wiegand card reader
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Multi-factor Authentication	Yes

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Capture Function	Yes
Web Configuration	Yes
Auto Registration	Yes

RFID

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

Network

Max. Transmission Power	≤20 dBm@2400–2483.5 MHz; ≤23 dBm@5150–5250 MHz; ≤20 dBm@5250–5350 MHz; ≤27 dBm@5470–5725 MHz; ≤14 dBm@5725–5850 MHz
Wi-Fi	Yes
Wireless Standard	IEEE 802.11b/g/n/a/ac/ax
Wireless Frequency Range	2400–2483.5 MHz; 5150–5350 MHz; 5470–5725 MHz; 5725–5850 MHz
Wireless Security Encryption	WPA/WPA2;WPA-PSK/WPA2-PSK

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–3.0 m (0.98 ft–9.84 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.1 s

User

User (Card) Type	Common users; VIP users; patrol users; guest users; blocklist users; other users; custom users 1; custom users 2
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Capacity

Face Image Capacity	100,000
User Capacity	100,000
Card Capacity	500,000
Password Capacity	100,000
Record Capacity	300,000

Port

RS-485	1 port
RS-232	1 port
Wiegand	1 channel (input or output, configurable)
USB	1 × USB 2.0 port
Network Port	1 × 10/100/1000 Mbps self-adaptive Ethernet port
Alarm Input	2 × switch quantity
Alarm Output	1 channel

Alarm Linkage	Yes
Doorbell	Yes, shared with alarm output port
Exit Button	Yes
Door Status Detection	Yes
Lock Control	2 channels
Audio Port	Yes
Power Output Port	Yes (12 V, 1.0 A)
Audio Output Port	Yes

Alarm

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

General

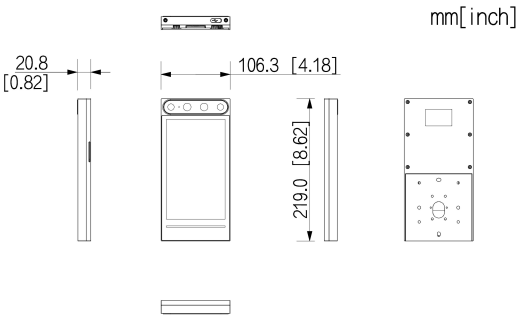
Power Adapter	Optional
Power Supply	12 VDC, 2 A
Protection	IP65
Power Consumption	≤24 W
Product Dimensions	219.0 mm × 106.3 mm × 20.8 mm (8.62" × 4.19" × 0.82") (H × W × D)
Packaging Dimensions	297.0 mm × 163 mm × 71 mm (11.69" × 6.42" × 2.80") (H × W × D)
Transport Package Dimensions	390 mm × 320 mm × 360 mm (15.35" × 12.60" × 14.17") (H × W × D)
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F) (DC 12 V Power Supply)
Operating Humidity	0%–90% (RH), non-condensing
Operating Altitude	0 m–1,300 m (0 ft–4,265.09 ft)
Operating Environment	Indoor;Outdoor
Gross Weight	0.80 kg (1.76 lb)
Accessory	Included: Wall mount bracket
Installation	Wall Mount;Floor Bracket Mount;Desk Bracket Mount;Turnstile Mount;86 mm Junction Box Mount
Storage Temperature	–20 °C to +70 °C (–4 °F to +158 °F)
Storage Humidity	30%–75% (RH), non-condensing

Ordering Information

Type	Model	Description
Face Recognition Access Controller	DHI-ASI7213G-WG1	Dahua 7-inch 4G Face Recognition Access Controller

Type	Model	Description
Accessories (Optional)	ASF7G-MEKF	IC Card,ID Card,Fingerprint,Door bell Access Control Extension Module
	ASF7G-MEK	IC Card,ID Card,Door bell Access Control Extension Module
	DEE1010B-S2	Access Control Extension Module
	ASF7G-MEFQ	IC Card,ID Card,QR Code,Fingerprint Access Control Extension Module

Dimensions (mm[inch])



Accessories

Optional:



ASF7G-MEKF
IC Card,ID Card,Fingerprint,Door bell Access Control Extension Module



ASF7G-MEK
IC Card,ID Card,Door bell Access Control Extension Module



DEE1010B-S2
Access Control Extension Module



ASF7G-MEFQ
IC Card,ID Card,QR Code,Fingerprint Access Control Extension Module

