DHI-ASI3103F-W

Dahua QR Code,Face Recognition,Card Swiping,Remote Face Recognition Access Controller

- Includes a 2-megapixel CMOS dual-lens camera that supports IR illumination and WDR.
- Unlocks through face, IC cards and QR code. You can also combine these methods to create your own personal unlock methods, and unlock based on periods.
- Supports 10,000 users, 10,000 faces, 10,000 cards, 10,000 Bluetooth cards, and 300,000 logs.
- Recognizes faces 0.3 m to 1.5 m away with 99.9% accuracy at a 1:N matching speed of 0.2 seconds per person.
- Offers mask detection.
- Supports visitor QR codes.
- Supports remote operation through the companion app.
- Network connectivity through TCP/IP and Wi-Fi.
- IP65-rated protection.
- Includes a power supply that provides up to 12 V /1A for electromagnetic locks and card readers.
- Includes breathing LEDs and tri-color status indicators.
- Seamlessly connects to DSS Pro, SmartPSS Lite and DMSS.

Technical Specification

System

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

Basic

Product Type	Standalone
Camera	2 MP CMOS HD dual-lens camera
WDR	DWDR
Light Compensation	Auto IR
Voice Prompt	Yes
Speaker	Yes
Casing Material	PC+ABS

Function

Verification Method	Card;Remote;QR Code;Face Recognition;Bluetooth
Frequency Range	2400 - 2483.5 MHz
Max. Transmission Power	≤20dBm@2400-2483.5MHz
Period List	128
Holiday Period	128
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Bluetooth	Yes
Bluetooth Standard	BLE (Bluetooth Mode) BLE5.2 (Bluetooth Version)
Peripheral Card Reader	1 × RS-485 port and 1 × Wiegand port
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 @10 m

Network

Max. Transmission Power	≤20dBm@2400-2483.5 MHz
Wi-Fi	Yes
Wireless Standard	IEEE802.11b/802.11g/802.11n
Wireless Frequency Range	2.4 GHz

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Performance

Card Reading Distance	2 cm- 3 cm (0.79''-1.18'')
Face Recognition Height Range	0.9 m- 2.4 m (35.43'' - 94.49'')
Face Recognition Distance	0.3 m- 1.5 m (11.81'' - 59.06'')
Face Recognition Accuracy	99.90%
Face Recognition Time	0.2 s

User

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

Capacity

Face Image Capacity	10,000
User Capacity	10,000
Card Capacity	10,000
Record Capacity	300000

Port

RS-485	1
Wiegand	1 × input port/output
USB	1 × USB2.0 port
Network Port	1 × 10 Mbps/100 Mbps Ethernet port
Alarm Input	1 × switch quantity
Alarm Output	1
Alarm Linkage	Yes
Exit Button	1
Door Status Detection	1
Lock Control	1
Power Output Port	1(12 V, 1 A)

Alarm

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

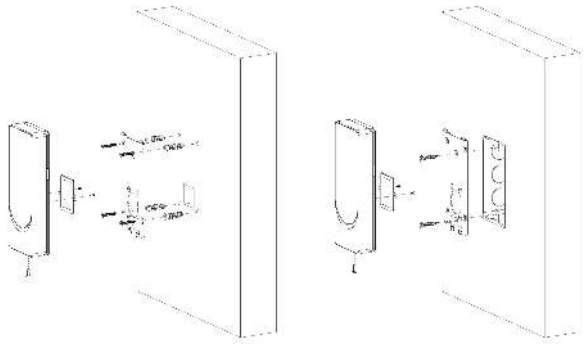
General

Power Adapter	Optional
Power Supply	12 VDC, 2 A
Protection	IP65
Power Consumption	≤24 W
Product Dimensions	155.0 mm × 57.5 mm ×24.8 mm (6.10" × 2.26" × 0.98") (H×W×T)
Packaging Dimensions	99.0 mm × 118.0 mm ×196.0 mm (3.90" × 4.65" × 7.72") (H×W×T)
Transport Package Dimensions	273.0 mm × 422.0 mm ×720.0 mm (10.75" × 16.61" × 28.35") (H×W×T)
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Operating Humidity	0%–90%(RH), non-condensing
Operating Altitude	0 m- 1300 m (0 ft- 4265.09 ft)
Operating Environment	Indoor;Outdoor
Gross Weight	0.5 kg (1.10 lb)
Accessory	Wall-mounted bracket (standard)
Installation	Wall Mount;Floor Bracket Mount;Turnstile Mount

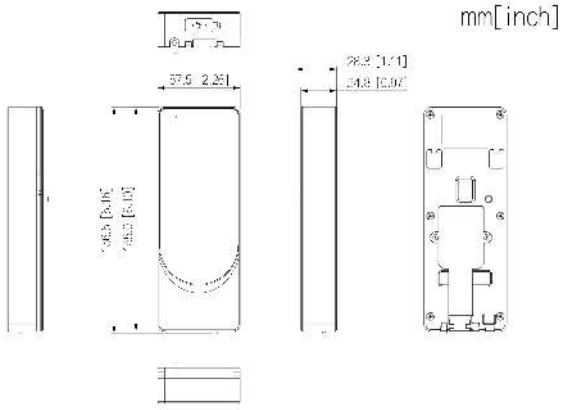
Ordering Information

Type	Model	Description
Face Recognition Access Controller	DHI-ASI3103F-W	Dahua QR Code,Face Recognition,Card Swiping,Remote Face Recognition Access Controller

Installation



Dimensions (mm[inch])



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