

DHI-ASI2212F-MEW

Dahua Card Swiping, Password, Fingerprint Access Standalone



- PC+ABS housing material, and glass material for front panel, applicable for indoor scenario.
- 2.8-inch LCD touch screen display with resolution of 240×320.
- Supports touchless access by Bluetooth.
- Supports 100,000 users, 100,000 cards, 100,000 Bluetooth cards, 10,000 fingerprints, 300,000 records.
- Supplies power to 1 lock (12 V, 1A or lower) or 1 card reader (12 V, 200 mA or lower).
- Supports OSDP, TCP/IP, Wi-Fi, Auto Registration, P2P and DHCP.
- Supports working as a doorbell.
- Convenient to configure through its webpage that is accessible to both computers and mobile devices.

Technical Specification

System

Main Processor	Embedded Processor
Network Protocol	IPv4;P2P;IPv6;TCP
OSDP Protocol	Yes
Interoperability	ONVIF;CGI
SDK and API	Yes

Basic

Product Type	Standalone
Display Screen	2.8-inch display screen
Screen Type	Capacitive Touchscreen
Screen Resolution	240 (H) × 320 (V)
Voice Prompt	Yes
Speaker	Yes
Casing Material	PC+ABS/Glass panel

Function

Verification Method	Card;Password;Fingerprint;Remote;Bluetooth
Frequency Range	2400-2483.5MHz
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
Issuing Card by Master Card	Yes
Multi-user Authentication	Yes
Multi-factor Authentication	Yes
Web Configuration	Yes
Auto Registration	Yes

RFID

Card Type	IC card;ID card;Desfire card (EV3, Compatible with Dahua card by default)
Modulation Type	ASK
Frequency Range	IC:13.56MHz;ID:125 kHz
Max. Transmission Power	IC:42dBuA/m @10 m ID:66dBuA/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

Performance

Card Reading Distance	0 cm - 3 cm (0 ft - 0.10 ft)
Fingerprint Sensor Type	Optical fingerprint
Fingerprint Verification Mode	1:N

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Fingerprint Comparison Time	1.5 s
Fingerprint Recognition Time	0.5 s

User

User (Card) Type	General user,VIP user, patrol user, guest user, blocklist user, other users
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Capacity

User Capacity	100,000
Fingerprint Capacity	10,000
Card Capacity	100,000
Password Capacity	100,000
Record Capacity	300,000

Port

RS-485	1
Wiegand	1 (input or output)
USB	1 × USB2.0 port
Network Port	1 × 10/100 Mbps self-adaptive Ethernet port
Alarm Input	1
Alarm Output	1
Alarm Linkage	Yes
Doorbell	1 (Switch quantity)
Exit Button	1
Door Status Detection	1
Lock Control	1
Power Output Port	1 (12 V , 1.2 A)

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

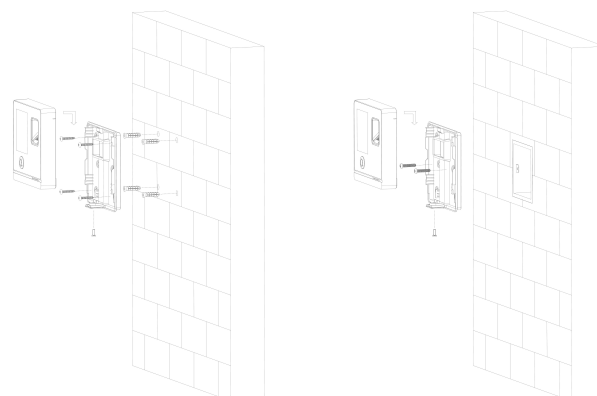
Power Adapter	Optional
Power Supply	9-15 VDC, 1 A (Excludes external power supply) 9 -15 VDC, 3 A (Includes external power supply)
Power Consumption	≤4.0 W (standby) ≤6.0 W (working, excludes external power supply) ≤20.0 W (working, includes external power supply)
Product Dimensions	114.5 mm × 114.5 mm ×32.5 mm (4.51" × 4.51" × 1.28) (H×W×T)

Packaging Dimensions	187 mm × 164 mm × 72 mm (7.36" × 6.46" × 2.83") (L × W × H)
Transport Package Dimensions	585 mm × 390 mm × 360 mm (23.03" × 15.35" × 14.17") (L × W × H)
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–93%(RH), non-condensing
Operating Altitude	0 m –1300 m (0 ft – 4265.09 ft)
Operating Environment	Indoor
Gross Weight	415 g (0.91 lb)
Accessory	Surface mount plate (standard)
Installation	Surface Mount;86 mm Junction Box Mount
Certifications	CE
Storage Temperature	−20 °C to +70 °C (−4 °F to +158 °F)
Storage Humidity	30%–90%(RH), non-condensing

Ordering Information

Type	Model	Description
Access Standalone	DHI-ASI2212F-MEW	Dahua Card Swiping,Password,Fingerprint Access Standalone

Installation



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Dimensions (mm[inch])

