

DHI-ASI1212F/DHI-ASI1212F-D

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
- Deep learning algorithm makes fingerprint recognition time 1.5 s
- Support card, fingerprint, password
- Support 30,000 users, 30,000 cards, 3,000 fingerprints, 150,000 records
- Support OSDP, TCP/IP



Technical Specification

Models	ASI1212F	ASI1212F-D
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System

Main Processor	Embedded processor
Network Protocol	IPv4, TCP, P2P
Button Type	Touch button
OSDP Protocol	Yes (only supported as a host)

Basic

Display	2.8 inch TFT touch screen
Screen Type	Capacitive screen
Resolution	240 (H) × 320 (V)
Voice Prompt	Yes
Buzzer	Yes
Housing Material	PC+ABS

Function

Unlock Mode	Card/remote/password/fingerprint	
Card Type	IC card	ID card
Card Reading Frequency	13.56MHz	125KHz
Period List	128	
Holiday Period	128	
Network Update	Yes	

First Card Unlock	Yes
Remote Verification	Yes
Blocklist/Allowlist	Yes
Ads Broadcast	Support graphic advertisement play
Peripheral Card Reader	1 RS-485, 1 Wiegand
Group Combination	Card/remote/password/fingerprint
Web Configuration on PC	Yes
Web Configuration on Mobile	Yes
Wi-Fi	Yes
Wireless Standard	IEEE802.11b/802.11g/802.11n
Wireless Frequency Range	2.4 GHz
Max Transmission Power	≤20dBm@2400-2483.5MHz
Wireless Security Encryption	WPA/WPA2;WPA-PSK/WPA2-PSK

Performance

Card Reading Distance	1 cm–3 cm (0.03 ft–0.10 ft)
Fingerprint Sensor Type	Optical fingerprint
Fingerprint Verification Mode	1:N, 1:1
Fingerprint Comparison Time	1.5 s

Capacity

User	30,000
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Fingerprint	3,000
Card	30,000
Password	30,000
Record	150,000

Port

RS-485	1
Wiegand	1 (input or output)
USB	1 USB2.0 port
Network	One 10/100 Mbps self-adaptive network port
Alarm Input	1
Alarm Output	1
Alarm Linkage	Yes
Unlock Button	1
Door Status Detection	1
Lock Control	1

Alarm

Anti-passback	Yes
Tamper	Yes
Duress	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card Exceeding Threshold	Yes
Duress Fingerprint	Yes

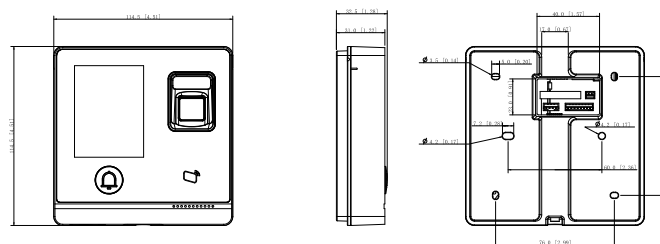
General

Power Supply	DC 12V 1A
Power Consumption	≤ 4.0W (standby), ≤ 6.0W (working)
Dimensions (H×W×D)	114.5 mm × 114.5 mm × 32.5 mm (4.51" × 4.51" × 1.28")
Packing Dimensions (H×W×D)	Packing box: 187 mm × 164 mm × 72 mm (7.36" × 6.46" × 2.83") Protective box: 585 mm × 390 mm × 360 mm (23.03" × 15.35" × 14.17")
Operating Temperature	-10°C to +45°C (14°F to 113°F)
Operating Humidity	5%RH-90%RH (no condensation)
Operating Environment	Indoor
Gross Weight	415.0 g (0.91 lb)
Installation	Surface mount, flush mount, 86 case mount
Certifications	CE, FCC

Ordering Information

Type	Model	Description
Access Standalone	DHI-ASI1212F	Access standalone(IC card)
Access Standalone	DHI-ASI1212F-D	Access standalone(ID card)

Dimensions (mm[inch])



Application

