ASI1212F/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
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
Blacklist/Whitelist	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
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
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

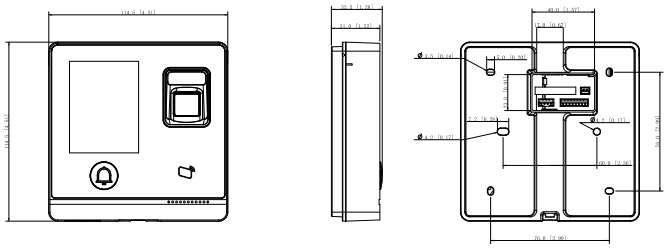
Alarm

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

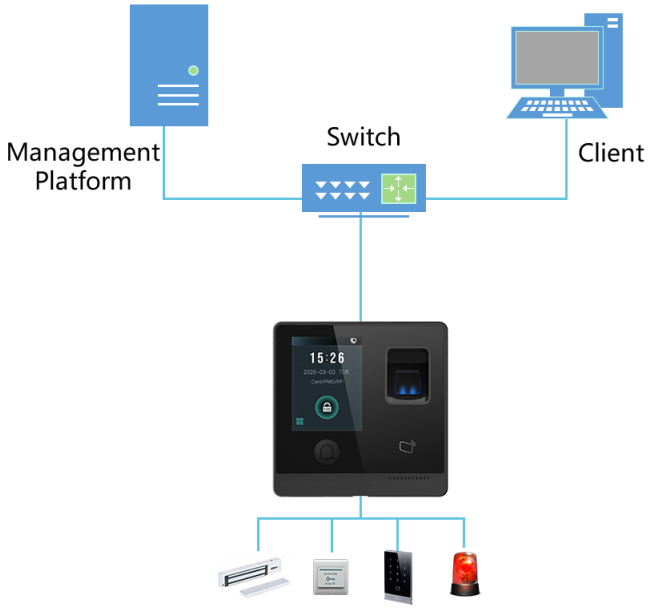
General

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

Dimensions (mm[inch])



Application



Ordering Information

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

Rev 002.000 © 2022 Dahua. All rights reserved. Design and specifications are subject to change without notice.
The images, specifications and information mentioned in the document are only for reference, and might differ from the actual product.