

Access Control ASI1212F-D

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



Detailed

Model	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	ID card
Card Reading Frequency	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
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