

DHI-ASKI201

Access Control Kit



- All-in-one design, DHI-ASI2212J+DHI-ASF280A+ASF280ZL+DHI-ASF900-V1+IC-M1B
- Optical Fingerprint Recognition Networked Access Standalone
- 3,000 Fingerprints, 5,000 Cards and 3,000 Passwords
- 2.4-inch TFT Display Screen with Resolution of 240 × 320
- Fingerprint Comparison Time < 1s
- Audio Prompts and Doorbell function
- Mechanical Keypad for Operation
- Easy Configuration via PC Web Client

Technical Specification

General (KIT)

Packaging Dimensions	285mm×203mm×157mm
Gross Weight	3.3kg
Certifications	CE
Power Supply	12V 3A

System (ASI)

Main Processor	Embedded Processor
Button Type	Mechanical
Network Protocol	UDP; TCP; IPv4; P2P
OSDP Protocol	Yes
Interoperability	ONVIF; CGI
SDK and API	Yes

Basic(ASI)

Product Type	Standalone
Display Screen	2.4" LCD
Screen Type	LCD
Screen Resolution	240 (H) × 320 (V)
Voice Prompt	Yes
Backlight	Yes
Casing Material	PC+ABS
Voice Prompt	Yes
Backlight	Yes

Casing Material	PC+ABS
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Function (ASI)

Unlock Mode	Card, remote, password, fingerprint unlock, unlock through their combinations. and multi-user combination unlock.
Card Type	Mifare cards (IC card)
Period List	128 periods
Holiday Period	128 periods
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Peripheral Card Reader	1 × RS-485 card reader1 × Wiegand card reader
Multi-user Authentication	Yes
Multi-factor Authentication	Yes
Web Configuration	Yes
Auto Registration	Yes
Multi-factor Authentication	Yes
Capture Function	Yes
Web Configuration	Yes
Auto Registration	Yes

Performance (ASI)

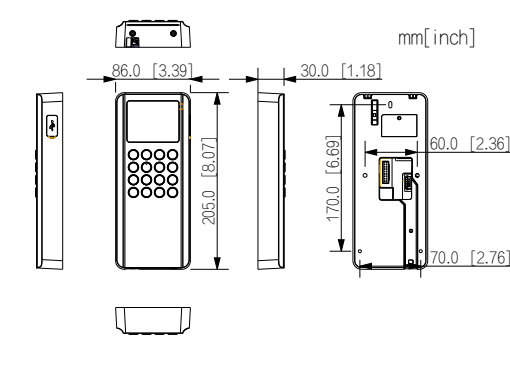
Card Reading Distance	0 cm–6 cm (0"–2.36")
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Fingerprint Sensor Type	Optical
Fingerprint VerificationMode	1:N
Fingerprint ComparisonTime	1 s
Face Recognition Time	0.2 s
User (ASI)	
User (Card) Type	Normal user; VIP users; patrol users; guest user; blocklist user; other user
Capacity (ASI)	
User Capacity	5,000
Fingerprint Capacity	3,000
Card Capacity	5,000
Password Capacity	5,000
Record Capacity	100,000
Port (ASI)	
RS-485	1
Wiegand	1
USB	1 × USB 2.0
Network Port	1 × RJ-45 100 Mbps self-adaptive Ethernet port
Alarm Input	1
Alarm Output	1
Alarm Linkage	Yes
Doorbell	1
Exit Button	1
Door Status Detection	1
Lock Control	1
Alarm (ASI)	
Anti-pass Back	Yes
Tamper Alarm	Yes
Duress Alarm	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card ExceedingThreshold	Yes
Duress Fingerprint	Yes
General (ASI)	
Power Consumption	≤12 W

Product Dimensions	205 mm × 86 mm × 30 mm (8.07" × 3.38" × 1.18") (H × W × W)
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	0%–95% (RH), non-condensing
Operating Altitude	0 m–3,000 m (0 ft–9842.52 ft)
Operating Environment	Indoor
Installation	Surface Mount
Installation Angle	Straight
Storage Temperature	−20 °C to +70 °C (−4 °F to +158 °F)
Storage Humidity	30%–75%
Basic(Button)	
Casing Material	ABS
Electrical Performance	The max power for durability is 3 A, 36 VDC
Durability Test	Passed 500,000 aging tests.
Contact Output	NO, COM
Product Dimensions	86 mm × 86 mm × 30 mm (3.39" × 3.39" × 1.18") (H × W × D)
Operating Temperature	−20 °C to +55 °C (−4 °F to +131 °F)
Operating Humidity	0%–95% (RH), non-condensing
Basic(Lock)	
Suction Plate Dimensions	180 mm × 38 mm × 11 mm (7.09" × 1.50" × 0.43")
Function(Lock)	
Signal Output	Door status feed back
Security	Open while power off
General (Lock)	
Starting Current	480 mA; 240 mA
Power Supply	12 VDC; 24 VDC
Lock Dimensions	250 mm × 47 mm × 26 mm (9.84" × 1.85" × 1.02")
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	≤ 95%
Basic (Bracket)	
Casing Material	Aluminum alloy
General (Bracket)	
Appearance Color	Silvery
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Basic (Card)	
Operating Frequency	13.56MHZ
Storage Capacity	1K Byte

Erase and Write Times	200,000 times
Type	IC
Product style	Keyfob
Operating Temperature	-20°C ~ 70°C (-4°F to 158°F)
Storage Structure	16 sectors
Implementation Standards	ISO14443-A
Card Reading Distance	2cm ~ 8cm (0.79" ~ 3.15")
Communication Rate	106Kbps
Data shelf Life	10 years
Product Dimensions	Φ32mm
Casing Material	PVC

Dimensions (mm[inch])

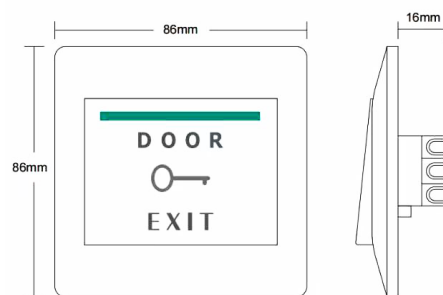


DHI-ASI2212J

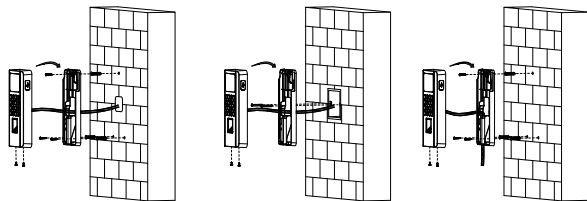
Ordering Information

Type	Model	Description
KIT	DHI-ASKI201	Access Control Kit

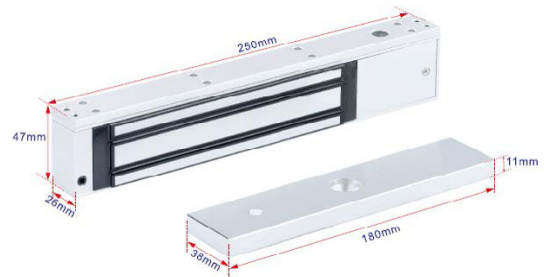
Installation



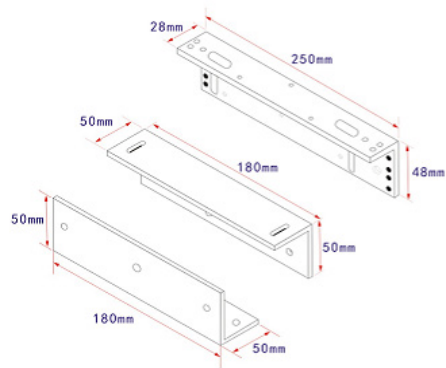
DHI-ASF900-V1



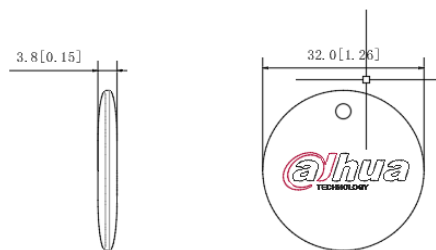
DHI-ASI2212J



DHI-ASF280A



ASF280ZL



IC-MIB

Application

