

DHI-ASKI301

Access Control Kit



- All-in-one design, DHI-ASI3203E-W+DHI-ASF280A+ASF280ZL+DHI-ASF900-V1+IC-M1B
- Visible Light Facial Recognition and Liveness Detection
- 1,000 Faces, 3,000 Cards and 1,000 Passwords
- 2-MP CMOS Dual-lens Camera, DWDR
- 2.4-inch LCD Screen with Resolution of 320 × 240
- Face Recognition Duration < 0.2s/person, Accuracy rate ≥ 99.9%
- DC12V1A Power Output for Lock and Card Reader
- Easy Configuration via PC and Mobile Web Client
- Wi-Fi AP Mode

Technical Specification

General (KIT)

Packaging Dimensions	368mm×130mm×145mm
Gross Weight	3.3kg
Certifications	CE
Power Supply	12V 3A

System (ASI)

Main Processor	Embedded Processor
Button Type	Mechanical
Network Protocol	IPv4;RTSP;UDP;P2P;IPv6;RTP;TCP
OSDP Protocol	Yes
Interoperability	ONVIF; CGI
SDK and API	Yes

Basic(ASI)

Product Type	Standalone
Display Screen	2.4-inch display screen
Screen Type	Non-touchscreen
Screen Resolution	240 (H) × 320 (V)
Camera	2 MP CMOS HD Dual Cameras
WDR	DWDR
Light Compensation	Auto IR
Voice Prompt	Yes

Backlight	Yes
Casing Material	PC+ABS
Function(ASI)	
Verification Method	Card/remote/password/face unlock
Card Type	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
Wi-Fi	Yes
Wireless Standard	IEEE802.11b/802.11g/802.11n
Wireless Frequency Range	2.4G
Peripheral Card Reader	One RS-485 card reader or one Wiegand card reader
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Multi-factor Authentication	Yes
Capture Function	Yes
Web Configuration	Yes
Auto Registration	Yes

RFID(ASI)

Modulation Type	ASK
Frequency Range	13.56 MHz
Max. Transmission Power	42dBuA/m @10m

Performance(ASI)

Card Reading Distance	0 cm–3 cm (0"–1.18")
Face Recognition HeightRange	1.2 m–2.0 m (3.94 ft–6.56 ft)
Face Recognition Distance	0.3 m–1.5 m (0.98 ft–4.92 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.2 s

User(ASI)

User (Card) Type	Normal user; VIP users; patrol users; guest user; blocklist user; other user;custom users 1 and customusers 2
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Capacity(ASI)

User Capacity	1000
Face Image Capacity	1,000
Card Capacity	3,000
Password Capacity	1,000
Record Capacity	100,000

Port(ASI)

RS-485	1 port (reuse the Wiegand port)
Wiegand	1 port (reuse the RS-485 port)
USB	1 × USB 2.0 port
Network Port	1 × 10/100 Mbps Ethernet port
Doorbell	1
Exit Button	1
Door Status Detection	1
Lock Control	1
Power Output Port	1 (12 V, 1.0 A)
Power Output Port	1 channel (12 V, 1.0 A)

Alarm(ASI)

Anti-pass Back	Yes
Tamper Alarm	Yes
Duress Alarm	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card ExceedingThreshold	Yes

General(ASI)

Power Consumption	≤12 W
Product Dimensions	184.9 mm × 76.2 mm × 20.5 mm (7.28" × 3.00" × 0.81") (H × W × D)
Operating Temperature	–10 °C to +45 °C (+14 °F to +113 °F)
Operating Humidity	0%–95% (RH), non-condensing
Operating Altitude	0 m–3,000 m (0 ft–9842.52 ft)
Operating Environment	Indoor
Accessory	Wall mount bracket (included)
Installation	Wall 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")
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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
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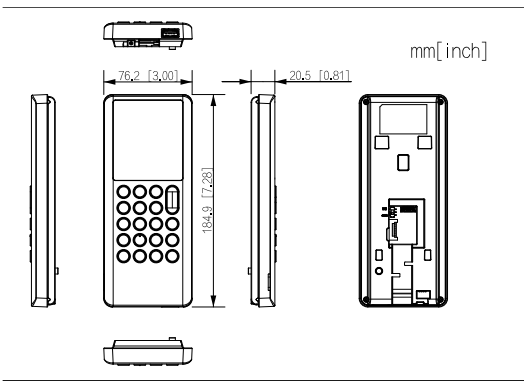
General (Bracket)

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°~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])

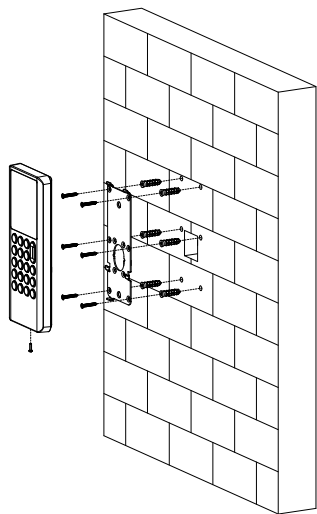


DHI-ASI3203E-W

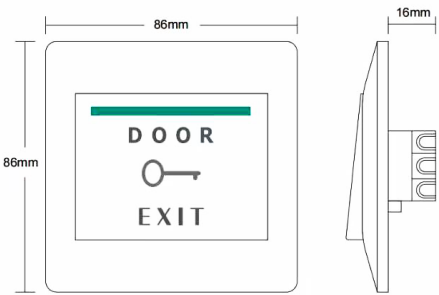
Ordering Information

Type	Model	Description
KIT	DHI-ASKI301	Access Control Kit

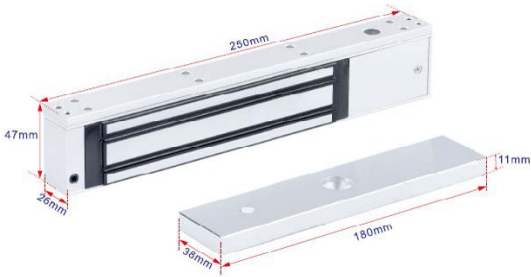
Installation



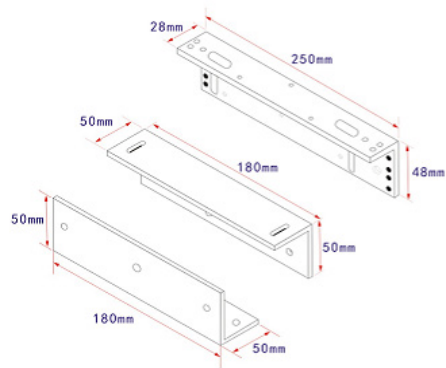
DHI-ASI3203E-W



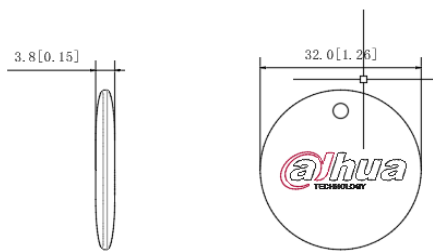
DHI-ASF900-V1



DHI-ASF280A



ASF280ZL



IC-MIB

Application

