

# DHI-ASC4202C-D

## Dahua Double Door two-way Access Controller



### Technical Specification

#### System

Main Processor	Embedded Processor
Network Protocol	IPv4;UDP;P2P;IPv6;TCP
OSDP Protocol	Yes
Interoperability	ONVIF PROFILE C
SDK	Yes
API	Yes

#### Basic

Product Type	Controller
Buzzer	Yes
Casing Material	SGCC galvanized

#### Function

Verification Method	Card;Password;Fingerprint;Remote;QR Code
Period List	128 groups
Holiday Period	128 groups
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Peripheral Card Reader	Supports 4-channel RS-485 card readers and 4-channel Wiegand card readers.
Multi-door Interlock	Yes
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Multi-factor Authentication	Yes

- Adopts Linux and comes with a webpage.
- Supports 100,000 users, 100,000 passwords, 100,000 cards, 10,000 fingerprints, and 500,000 access records.
- Supports multiple unlock methods including card, password, fingerprint and QR code. You can also combine them to create your own personal unlock methods.
- Supports RS-485 card reader and Wiegand card reader.
- Offers multiple types of alarms such as duress, tamper, intrusion, unlock timeout, excessive use of illegal card, mains electricity power failure and undervoltage.
- Supports anti-passback, multi-door interlock, multi-person unlock, first-card unlock and remote verification.
- Supplies power to 2 locks (12 V, 1.2 A or lower) and 4 card readers (12 V, 500 mA or lower) at the same time.
- Supports charging and discharging the battery. The battery is sold separately, but a space was reserved for it that is 157 mm × 127 mm × 75 mm (6.18" × 5.00" × 2.95") (L × W × H).
- Features the fire alarm linkage. The device must be connected to the alarm input port and the corresponding linkage must be configured.
- Fire safety control linkage can be accessed through the independent port.
- Supports TCP/IP connection, auto registration, P2P registration and DHCP.
- Compatible with the platforms of SmartPSS Lite, DSS Pro and DMSS.

Web Configuration	Yes
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Unidirectional or Bidirectional	Bidirectional
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#### User

User (Card) Type	General user, VIP user, patrol user, guest user, blocklist user, other users, custom user 1 and custom user 2
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#### Capacity

User Capacity	100,000
Fingerprint Capacity	10,000
Card Capacity	100,000
Record Capacity	500,000

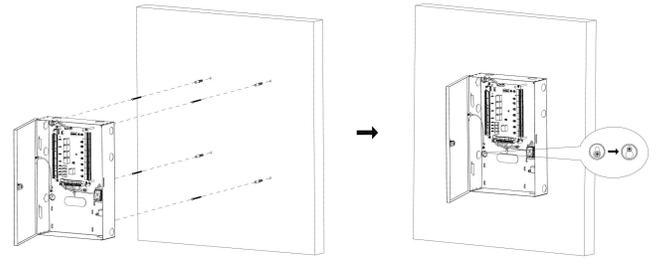
#### Port

RS-485	5 ports. 4 for card readers, and the remaining 1 is for the extension port.
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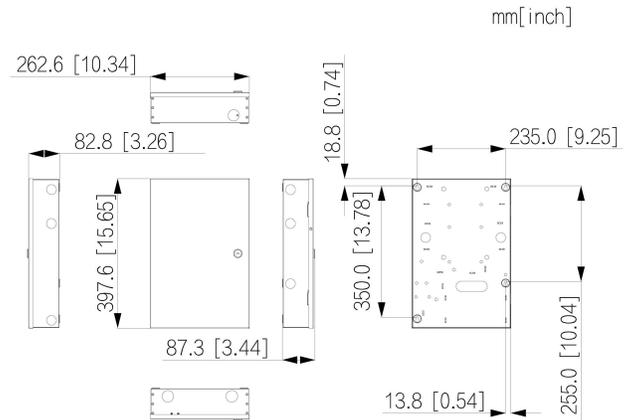
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Wiegand	4-channel input
Network Port	1 RJ-45, 10 Mbps/100 Mbps self-adaptive
Alarm Input	7 channels. Channel 1 is for connecting to the fire safety control. Channels 2–3 support alarms for different events. There are 4 statuses for these channels: Normal, alarm, short circuit and open circuit. Channels 4–7 are standard alarm input channels. Expandable to 8 channels when connected to an external alarm module.
Alarm Output	4 channels; expandable to 8 channels when connected to an external alarm module.
Alarm Linkage	Yes
Exit Button	2 channels
Door Status Detection	2 channels
Lock Control	2 channels
<b>Alarm</b>	
Anti-pass Back	Yes
Tamper Alarm	Yes
Duress Alarm	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card Exceeding Threshold	Yes
Duress Fingerprint	Yes
<b>General</b>	
Power Supply	Switching power supply (AC to DC, AC 100–240 V 1.4 A; DC 12 V 6 A)
Power Consumption	≤ 3 W; it might alter if other devices are connected
Product Dimensions	397.6 mm × 262.6 mm × 82.8 mm (15.65" × 10.34" × 3.26") (L × W × H)
Packaging Dimensions	473 mm × 353 mm × 162 mm (18.62" × 13.90" × 6.38") (L × W × H, 1 in inner carton)
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Operating Humidity	5%–95% (RH), non-condensing
Operating Environment	Indoor
Gross Weight	4.0 kg (8.82 lb)
Installation	Surface Mount

## Installation



## Dimensions (mm[inch])



## Ordering Information

Type	Model	Description
Access Controller	DHI-ASC4202C-D	Dahua Double Door two-way Access Controller