# DHI-ASC2202C-D

Access Controller



- TCP/IP communication.
- Two communication protocols: RS-485 and Wiegand.
- Supports storing 100,000 user and 500,000 card-swiping records.
- Supports multi-door interlock, multi-user unlock, anti-passback, and remote unlock.
- Supports reader tamper alarm, intrusion alarm, unlocking timeout alarm, duress alarm, invalid card exceeding threshold alarm, and incorrect password alarm.
- Supports built-in RTC, manual time fixing, and automatic time fixing.
- Data can be saved permanently in case of power failure; supports online upgrade.
- Power supply through storage battery.
- Supports watchdog mechanism to ensure the operation stability.

## System Overview

The DHI-ASC2202C-D is an multi-functional access controller with a TCP/IP wired network interface. It can offer professional functions related to access control management. It is applicable to industrial parks, office buildings, financial buildings, schools, factories, CBD, residential areas, governments, and more.



## Technical Specification

### System

| | |
|---|---|
| Main Processor | Embedded processor |
| Internet Protocol | IPv4; TCP; UDP |
| OSDP Protocol | Yes |
| SDK | Yes |

### Basic

| | |
|---|---|
| Product Appearance | Type C Iron Container |
| Buzzer | Yes |
| Casing Material | SECC steel board |

### Function

| | |
|---|---|
| Unlock Mode | Card swiping; Remote; Password; Fingerprint |
| Period List | 128 |
| Holiday Period | 128 |
| Network Update | Yes |
| First-Card Unlock | Yes |
| Remote Verification | Yes |
| Blocklist/Allowlist | Yes |
| Peripheral Card Reader | 4-Channel RS-485 card reader<br>4-Channel Wiegand card reader |
| Multi-door Interlock | Yes |
| Group Combination | Card swiping; password; fingerprint |
| Real-Time Surveillance | Yes |
| Multiple Authentication | Yes |

### User

| | |
|---|---|
| User (Card) Type | General user; VIP user; patrol user; guest user; blocklist user; other user |

### Capacity

| | |
|---|---|
| User | 100,000 |
| Fingerprint | 3,000 |
| Card | 100,000 |
| Record Capacity | 500,000 |

### Port

| | |
|---|---|
| RS-485 Port | 5 × RS-485 ports |
| Wiegand | 4 × Wiegand ports |
| Network | 1 × 10/100 Mbps Ethernet port |
| Alarm Input | 6 (digital quantity) |

| | |
|---|---|
| Alarm Output | 4 (relay) |
| Alarm Linkage | Yes |
| Exit Button | 2 |
| Door Status Detection | 2 |
| Lock Control | 2 channels, NO by default |

### Alarm

| | |
|---|---|
| Anti-Passback | Yes |
| Tamper | Yes |
| Duress | Yes |
| Door Unlock Timeout | Yes |
| Intrusion | Yes |
| Illegal Card Exceeding Threshold | Yes |
| Duress Fingerprint | Yes |

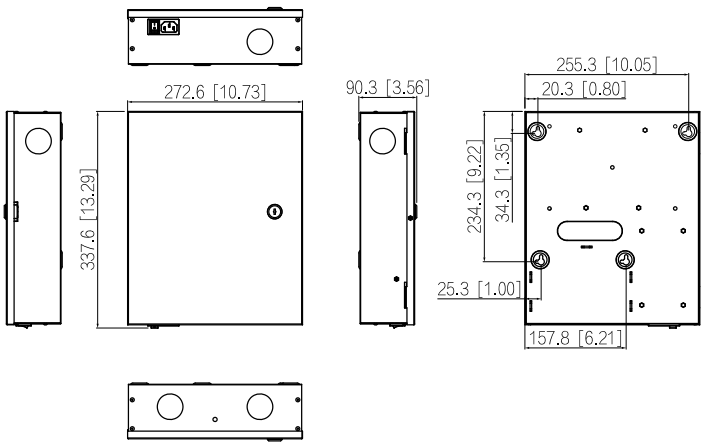
### General

| | |
|---|---|
| Power Supply | 100-240 V AC |
| IP Rating | IP20; Ik04 |
| Power Consumption | ≤ 0.8 W (standby), ≤ 39.6 W (working) |
| Product Dimensions | 337 mm × 272 mm × 90 mm (13.27"× 10.71"× 3.54") (H × W × D) |
| Packaging Dimensions | 472 mm × 352 mm × 163 mm (18.58" × 13.86" × 6.42") (H × W × D) (one product in an 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 | 3.5 kg (7.72 lb) |
| Installation | Surface mount |
| Certification | CE; FCC; UL |

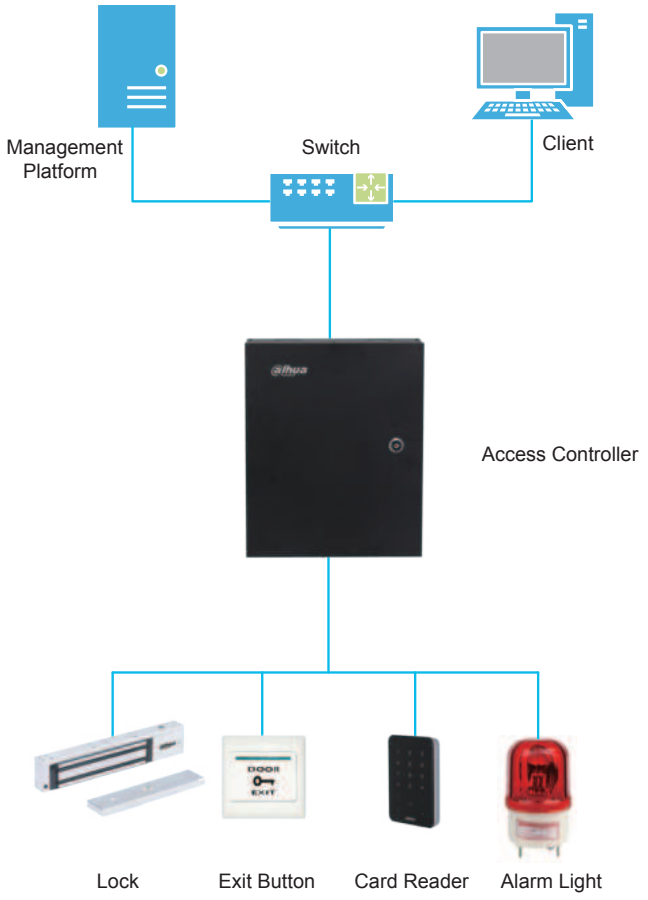
## Ordering Information

| Type | Model | Description |
|---|---|---|
| Access Controller | DHI-ASC2202C-D | Two-door two-way controller model C (iron box, indoor) |

## Dimensions (mm[inch])




## Application




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