

DHI-ASC2202B-D

Access Controller



System Overview

The DHI-ASC2202B-D is a 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

| | |
|-------------------|----------------|
| Internet Protocol | IPv4; TCP; UDP |
| OSDP Protocol | Yes |
| SDK and API | Yes |

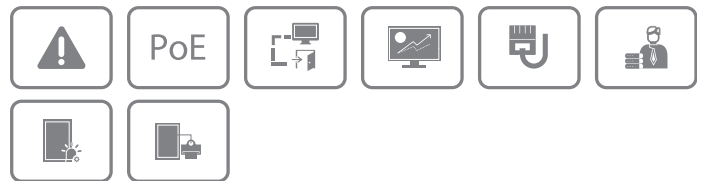
Basic

| | |
|--------------------|--------------------|
| Product Appearance | Model B slide rail |
| Buzzer | Yes |
| Casing Material | PC+ABS |

Function

| | |
|---------------------|---|
| Unlock Mode | Card/remote/password/fingerprint unlock |
| Period List | 128 |
| Holiday Period | 128 |
| Network Update | Yes |
| First-Card Unlock | Yes |
| Remote Verification | Yes |
| Blocklist/Allowlist | Yes |

- Support TCP/IP communication
- Two dual communication protocols: RS-485 and Wiegand (W26 and W34)
- Holds 100,000 users and stores 500,000 card swiping records
- Support interlock, group combination, anti-passback, remote unlock, and more
- Support card reader tamper alarm, intrusion alarm, door sensor timeout alarm, duress alarm, illegal card exceeding threshold alarm, and incorrect password alarm
- Built-in RTC, support manual time synchronization and auto time synchronization
- Support power-off memory protection and online upgrade
- Support watchdog (a device that protects a system from software or hardware failures)
- Support PoE power supply



| | |
|-------------------------|---|
| Peripheral Card Reader | 4 RS-485 card readers 4 Wiegand card readers |
| Multi-door Interlock | Yes |
| Group Combination | Card/password/fingerprint unlock |
| Real-Time Surveillance | Yes |
| Multiple Authentication | Yes |

User

| | |
|------------------|---|
| User (Card) Type | General user, VIP user, patrol user, guest user, blocklist user, and 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 | One 10/100 Mbps network port |
| Alarm Input | 4 (digital quantity) |

| | |
|-----------------------|-----------------------------|
| Alarm Output | 4 (relay) |
| Alarm Linkage | Yes |
| Exit Button | 2 |
| Door Status Detection | 2 |
| Lock Control | 2, normally open by default |

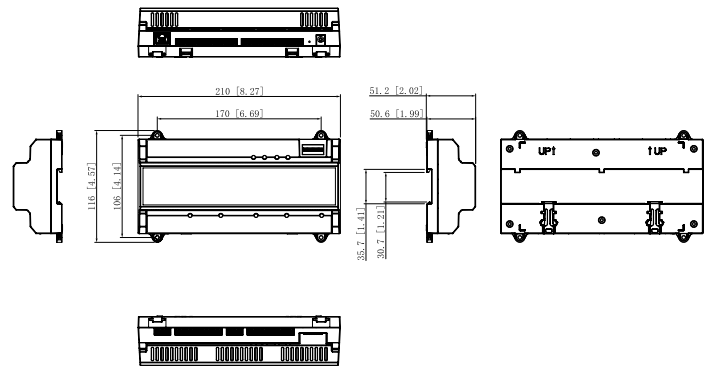
Alarm

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

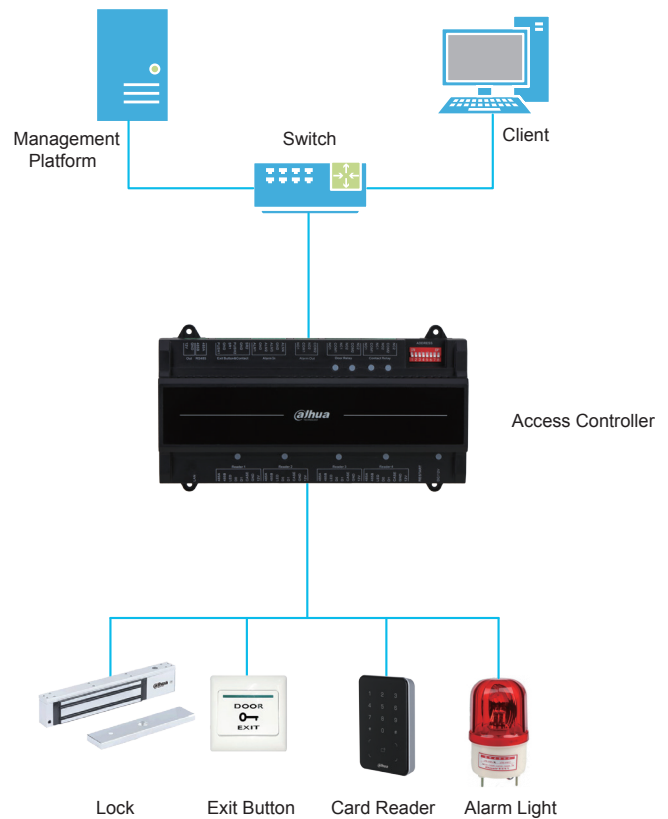
General

| | |
|-----------------------|--|
| Power Supply | Standard POE (an additional power supply for the door lock is needed); DC 12V (support supplying power to the door lock) |
| IP Rating | IP20, IK04 |
| Power Consumption | Standby 1.0W, working 13.0W (Standard PoE; rated voltage of the card reader power supply is 12V, and the total max. rated current is 1.4A); Standby 0.8W, working 41.6W (DC 12V; rated voltage of the card reader power supply is 12V, and the total max. rated current is 1.4A; rated voltage of the door lock power supply is 12V, and the total max. rated current is 2A) |
| Product Dimensions | 210 mm × 106 mm × 50 mm (8.27" × 4.17" × 1.97") |
| Packaging Dimensions | Packaging box: 255 mm × 166 mm × 87 mm (10.04" × 6.54" × 3.43") Protective box: 508 mm × 265 mm × 190 mm (20.0" × 10.43" × 7.48") |
| Operating Temperature | -30°C to +60°C (-22°F to +140°F) |
| Operating Humidity | 5%RH-90%RH (no condensation) |
| Operating Altitude | 0 m-1300 m (0 ft-4265.10 ft) |
| Operating Environment | Indoor |
| Gross Weight | 0.6 kg (1.33 lb) |
| Installation | Surface/guide rail mount |
| Certification | CE/FCC/UL |

Dimensions (mm[inch])



Application



Ordering Information

| Type | Model | Description |
|-------------------|----------------|--|
| Access Controller | DHI-ASC2202B-D | Two-way Access Controller Model B with Two Doors (portable and indoor) |