

DHI-ASI1201E-V1

Dahua IC Card Access Standalone



Series Overview

Dahua Access Standalone is a comprehensive device that seamlessly integrates access control, readers, and other functions. With its advanced capabilities, it provides effective management and control of entrances and exits while accommodating multiple unlock methods.

Scene

Widely used in scenes such as office buildings, schools, industrial parks, communities, factories, public stadiums, commercial centers, and government buildings.

Technical Specification

System

| | |
|------------------|--------------------|
| Main Processor | Embedded Processor |
| Button Type | Touch button |
| Network Protocol | TCP/IP |
| OSDP Protocol | Yes |

Basic

| | |
|-----------------|------------|
| Product Type | Standalone |
| Buzzer | Yes |
| Backlight | Yes |
| Casing Material | PC |

Function

| | |
|---------------------|----------------------|
| Verification Method | Card;Password;Remote |
| Period List | 128 groups |
| Holiday Period | 128 groups |

- Made from PC materials and composite panels.
- Supports 30,000 users, 30,000 passwords, 30,000 cards, and 60,000 records.
- Offers multiple unlock methods including card and password. You can also combine them to create your own personal unlock methods.
- Provides touch keypad with backlighting.
- Contactless card reading for IC cards.
- Supports RS-485 communication and Wiegand communication.
- Buzzer and indicator light.
- Tamper alarm.
- Controller mode and card reader mode.
- Offers multiple types of alarms such as duress, intrusion, unlock timeout, and excessive use of illegal card.
- Cards can be issued to many types of users such as normal, VIP, patrol, guest, and blocklist users.
- Supplies power to 1 lock (12 V, 1 A or lower) or 1 card reader (12 V, 200 mA or lower).
- Online update.
- TCP/IP connection and auto registration.
- IP66 rated.
- Ideal for use outdoors.
- Surface mount.
- Compatible with the platforms of SmartPSS Lite and DSS Pro.

| | |
|-----------------------------|---|
| Network Update | Yes |
| First User Unlock | Yes |
| Remote Verification | Yes |
| Peripheral Card Reader | Includes 1-channel RS-485 card reader and 1-channel Wiegand card reader |
| Issuing Card by Master Card | Yes |
| Multi-user Authentication | Yes |
| Auto Registration | Yes |
| RFID | |
| Card Type | IC card |
| Performance | |
| Card Reading Distance | 0 mm–60 mm (0"–2.36") |
| User | |
| User (Card) Type | Normal user |

Capacity

| | |
|-------------------|--|
| User Capacity | 30,000 |
| Card Capacity | 30000 |
| Password Capacity | 30,500 (Includes 30,000 user passwords and 500 public passwords) |
| Record Capacity | 60000 |

Port

| | |
|-----------------------|---|
| RS-485 | 1 |
| Wiegand | 1 (Wiegand input is 26, 34 or 66 bits self-adaptive; Wiegand output is 34 bits by default.) |
| Network Port | 1-channel 10/100 Mbps Ethernet port |
| Exit Button | 1 channel |
| Door Status Detection | 1 channel |
| Lock Control | 1 channel |
| Power Output Port | 1 channel |

Alarm

| | |
|----------------------------------|-----|
| Anti-pass Back | Yes |
| Tamper Alarm | Yes |
| Duress Alarm | Yes |
| Door Sensor Timeout | Yes |
| Intrusion | Yes |
| Illegal Card Exceeding Threshold | Yes |

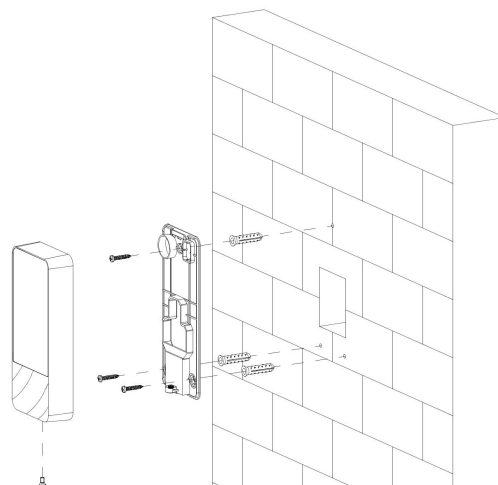
General

| | |
|------------------------------|---|
| Power Adapter | Optional |
| Power Supply | DC 12 V 1 A (The access standalone does not supply power to the lock.) DC 12 V 2 A (The access standalone supplies power to the lock. The current of the lock can only reach up to 1 A. If it exceeds, the current will be distributed based on the actual amount of current.) |
| Protection | IP66 |
| Power Consumption | ≤12 W (When the access standalone does not supply power to the lock, the power is ≤12W. When it does supply power to the lock, it is calculated based on the actual amount of power of the lock.) |
| Product Dimensions | 142 mm × 62 mm × 23 mm (5.59" × 2.44" × 0.91") (H × W × D) |
| Packaging Dimensions | 195 mm × 135 mm × 56 mm (7.68" × 5.31" × 2.20") (H × W × D) |
| Transport Package Dimensions | 604 mm × 290 mm × 314 mm (23.78" × 11.42" × 12.36") (H × W × D) |
| Operating Temperature | −30 °C to +60 °C (−22 °F to +140 °F) |
| Operating Humidity | 0%–90% (RH), non-condensing |
| Operating Altitude | 0 m–1,300 m (0 ft–4265.09 ft) |
| Operating Environment | Outdoor |
| Gross Weight | 244 g (0.54 lb) |
| Installation | Surface Mount |

Ordering Information

| Type | Model | Description |
|-------------------|-----------------|---------------------------------|
| Access Standalone | DHI-ASI1201E-V1 | Dahua IC Card Access Standalone |

Installation



Dimensions (mm[inch])

