

DHI-ASI1212M-P

Dahua Card Swiping, Password, Fingerprint 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 | Mechanical |
| Network Protocol | IPv4;UDP;P2P;IPv6;TCP |
| OSDP Protocol | Yes |
| Interoperability | ONVIF;CGI |
| SDK and API | Yes |

Basic

| | |
|-----------------|-------------------|
| Product Type | Standalone |
| Buzzer | Yes |
| Backlight | Yes |
| Casing Material | PC and zinc alloy |

Function

| | |
|---------------------|----------------------------------|
| Verification Method | Card;Password;Fingerprint;Remote |
|---------------------|----------------------------------|

- The front part of the case is made of zinc alloy and the back part is made of plastic.
- Supports 10,000 users, 10,000 passwords, 10,000 cards, 3,000 fingerprints and 100,000 records.
- Mechanical keypad with backlighting.
- Supports RS-485 communication and Wiegand communication.
- Buzzer and indicator light.
- Supports doorbell.
- Offers multiple types of alarms such as duress, tamper, intrusion, unlock timeout, and excessive use of illegal card.
- Cards can be issued to multiple types of users such as normal, VIP, patrol, guest, blocklist, other, and custom users.
- Supplies power to 1 lock (12 V, 500 mA or lower) or 1 card reader (12 V, 200 mA or lower).
- Convenient to configure through its webpage that is accessible to both computers and mobile devices.
- PoE power supply.
- Supports security extension modules for access control, preventing doors from being forcefully opened.
- Online update.
- Supports TCP/IP connection, auto registration, P2P registration and DHCP.
- IP65 and IK08 rated.
- Supports surface mount.
- Compatible with multiple platforms such as SmartPSS lite, DSS PRO and DMSS.

| | |
|------------------------------|--|
| Period List | 128 periods |
| Holiday Period | 128 periods |
| Network Update | Yes |
| First User Unlock | Yes |
| Remote Verification | Yes |
| Restricted List/Trusted List | Yes |
| Peripheral Card Reader | Includes the 1-channel RS-485 card reader and 1-channel Wiegand card reader. You can easily switch between the two with just the flip of the switch. |
| Issuing Card by Master Card | Yes |
| Multi-user Authentication | Yes |
| Real-time Monitoring | Yes |
| Multi-factor Authentication | Yes |
| Web Configuration | Yes |

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|-------------------------|--|
| Auto Registration | Yes |
| RFID | |
| Card Type | IC card; Desfire card (EV3, Compatible with Dahua card by default) |
| Modulation Type | ASK |
| Frequency Range | 13.56 MHz |
| Max. Transmission Power | 42dBuA/m @10m |

Performance

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|-------------------------------|-----------------------|
| Card Reading Distance | 0 mm–30 mm (0"–1.18") |
| Fingerprint Sensor Type | Capacitive |
| Fingerprint Verification Mode | 1:N |
| Fingerprint Comparison Time | 1.5 sec |
| Fingerprint Recognition Time | 0.5 sec |

User

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|------------------|---|
| User (Card) Type | Normal, VIP, patrol, guest, blocklist, and other users, custom user 1 and custom user 2 |
|------------------|---|

Capacity

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|----------------------|---------|
| User Capacity | 10,000 |
| Fingerprint Capacity | 3,000 |
| Card Capacity | 10,000 |
| Password Capacity | 10,000 |
| Record Capacity | 100,000 |

Port

| | |
|-----------------------|---|
| RS-485 | 1 port that can also be used by the Wiegand card reader |
| Wiegand | 1 port that can also be used by the RS-485 card reader. (Wiegand input is 26, 34 or 66 bits self-adaptive. Wiegand output is 34 bits by default, and can be configured to 26 or 66 bits.) |
| Network Port | 1 × RJ-45 10/100 Mbps self-adaptive Ethernet port |
| Alarm Input | 2 channels |
| Alarm Output | 1 channel that can also be used by the doorbell output |
| Alarm Linkage | Yes |
| Doorbell | 1 channel that can also be used by the alarm output |
| Exit Button | 1 channel |
| Door Status Detection | 1 channel |
| Lock Control | 1 channel |
| Power Output Port | 1 channel (12 V, 0.5 A) |

Alarm

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|----------------|-----|
| Anti-pass Back | Yes |
| Tamper Alarm | Yes |
| Duress Alarm | Yes |

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

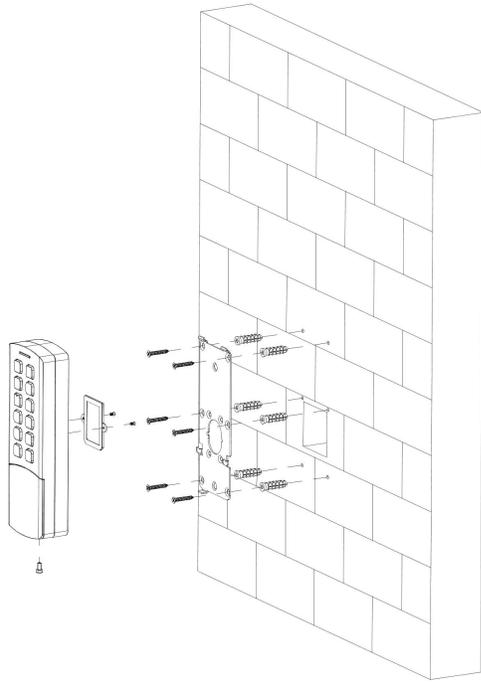
General

| | |
|------------------------------|---|
| Power Adapter | Optional |
| Power Supply | 12 VDC, 1.5 A Standard PoE |
| Protection | IP65; IK08 |
| Power Consumption | ≤18 W |
| Product Dimensions | 169 mm × 57.5 mm × 33.3 mm (6.65" × 2.26" × 1.31") (L × W × H) |
| Packaging Dimensions | 219 mm × 111 mm × 98 mm (8.62" × 4.37" × 3.86") (L × W × H) |
| Transport Package Dimensions | 585 mm × 470 mm × 320 mm (23.03" × 18.50" × 12.60") (H × W × D) |
| Operating Temperature | –30 °C to +60 °C (–22 °F to +140 °F) |
| Operating Humidity | 5%–95% (RH), non-condensing |
| Operating Environment | Outdoor |
| Gross Weight | 0.65 kg (1.43 lb) |
| Accessory | The bracket of wall mount is included. |
| Installation | Wall Mount |
| Certifications | CE |
| Storage Temperature | –20 °C to +70 °C (–4 °F to + 158 °F) |
| Storage Humidity | 30%–75% (RH), non-condensing |

Ordering Information

| Type | Model | Description |
|-------------------|----------------|---|
| Access Standalone | DHI-ASI1212M-P | Dahua Card Swiping, Password, Fingerprint Access Standalone |

Installation



Dimensions (mm[inch])

