# DHI-ASI2212J-PW

## Dahua Single Door IC Card, Password, Fingerprint Access Standalone

- 2.4" TFT display screen with a resolution of 240 × 320.
- Audio prompts.
- Supports 30,000 users, 30,000 cards, 30,000 passwords, 5,000 fingerprints, and 100,000 records.
- The security module expansion is supported to enhance security and protect against the device being opened during a power failure.
- Fingerprint/card/remote/password unlock and unlock through their combinations.
- Supports duress alarm, tamper alarm, intrusion alarm, door contact timeout alarm, illegal card exceeding threshold alarm, illegal password exceeding threshold alarm and external alarm.
- Supports guest users, patrol users, blocklist users, VIP users, general users, and others.
- TCP/IP and Wi-Fi communication; auto registration, P2P registration, and DHCP.
- Supports online update and USB update.
- Supports PoE to provide power to the access controller, and the access controller provides power to both a card reader (12 V 200 mA at most) and an electromagnetic lock (12 V, 500 mA at most).

## Technical Specification

### System

| | |
|---|---|
| Main Processor | Embedded Processor |
| Button Type | Mechanical |
| Network Protocol | UDP; TCP; IPv4; P2P |
| OSDP Protocol | Yes |
| Interoperability | CGI; ONVIF |
| SDK and API | Yes |

### Basic

| | |
|---|---|
| Product Type | Standalone |
| Display Screen | 2.4" LCD |
| Screen Type | LCD |
| Screen Resolution | 240 (H) × 320 (V) |
| Voice Prompt | Yes |
| Backlight | Yes |
| Casing Material | PC+ABS |

### Function

| | |
|---|---|
| Verification Method | Configuration of card, remote, password, fingerprint combination unlock and multi-user combination unlock. |
| Unlock Mode | Card, remote, password, fingerprint combination unlock and multi-user combination unlock. |
| Card Type | Mifare cards (IC card) |
| Period List | 128 periods |
| Holiday Period | 128 periods |

| | |
|---|---|
| Network Update | Yes |
| First User Unlock | Yes |
| Remote Verification | Yes |
| Restricted List/Trusted List | Yes |
| Wi-Fi | Yes |
| Wireless Standard | IEEE802.11b/802.11g/802.11n |
| Wireless Frequency range | 2.4GHz |
| Peripheral Card Reader | 1 × RS-485 card reader<br>1 × Wiegand card reader |
| Multi-user Authentication | Yes |
| Multi-factor Authentication | Yes |
| Web Configuration | Yes |
| Auto Registration | Yes |

### Performance

| | |
|---|---|
| Card Reading Distance | 0 cm–6 cm (0"–2.36") |
| Fingerprint Sensor Type | Optical |
| Fingerprint Verification Mode | 1:N |
| Fingerprint Comparison Time | 1 s |

## User

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

## Capacity

| | |
|---|---|
| User Capacity | 30,000 |
| Fingerprint Capacity | 5,000 |
| Card Capacity | 30,000 |
| Password Capacity | 30,000 |
| Record Capacity | 100,000 |

## Port

| | |
|---|---|
| RS-485 | 1 |
| Wiegand | 1 |
| USB | 1 × USB 2.0 |
| Network Port | 1 × RJ-45 100 Mbps self-adaptive Ethernet port |
| Alarm Input | 2 |
| Alarm Output | 2 |
| Alarm Linkage | Yes |
| Doorbell | 1 |
| Exit Button | 1 |
| Door Status Detection | 1 |
| Lock Control | 1 |

## Alarm

| | |
|---|---|
| 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

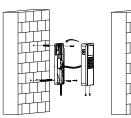| | |
|---|---|
| Power Adapter | Optional |
| Power Supply | Standard PoE 12 VDC (the device can provide power to the lock) |
| Power Consumption | ≤12 W |
| Product Dimensions | 205 mm × 86 mm × 30 mm (8.07" × 3.38" × 1.18") (H × W × W) |
| Packaging Dimensions | 254 mm × 131 mm × 75 mm (10.00" × 5.16" × 2.95") (H × W × W) |
| Operating Temperature | −10 °C to +55 °C (+14 °F to +131 °F) |

| | |
|---|---|
| Operating Humidity | 0%–95% (RH), non-condensing |
| Operating Altitude | 0 m–3,000 m (0 ft–9842.52 ft) |
| Operating Environment | Indoor |
| Gross Weight | 0.45 kg (0.99 lb) |
| Installation | Surface Mount |
| Certifications | CE; FCC |
| Installation Angle | Straight |

## Installation



## Dimensions (mm[inch])