

DHI-ASI7213K-W

Fingerprint Access Control Extension Module Dahua Face Recognition, Face Detection, Card Swiping, Password Face Recognition Access Controller



Scene

It is widely used in parks, communities, business centers and factories, and ideal for places such as office buildings, government buildings, schools and stadiums.

Technical Specification

System

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|------------------|-------------------------------|
| Main Processor | Embedded Processor |
| Button Type | Touch button |
| Network Protocol | UDP;TCP;IPv4;RTSP;SIP;P2P;RTP |
| OSDP Protocol | Yes |
| Interoperability | CGI;ONVIF |
| SDK and API | Yes |

Basic

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|--------------------|--------------------------------------|
| Product Type | Standalone |
| Display Screen | 7" LCD |
| Screen Type | Capacitive Touchscreen |
| Screen Resolution | 600 (H) × 1024 (V) |
| Camera | 1/2.8" 2-MP CMOS HD dual-lens camera |
| WDR | DWDR |
| Light Compensation | Auto IR |
| Voice Prompt | Yes |
| Casing Material | Tempered glass; PC |

Function

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|-------------|-------------------------------------------------------------------------------------------------------------------|
| Unlock Mode | Card; remote; password; face; combination unlock; extension modules (fingerprint; QR code; fingerprint + QR code) |
|-------------|-------------------------------------------------------------------------------------------------------------------|

- 7" LCD with a resolution of 600 × 1024.
- 2-MP dual-lens CMOS camera.
- Supports 50,000 users, 50,000 faces, 50,000 passwords, 100,000 cards, 50 administrators, and 300,000 records.
- Multiple unlock methods including face, card, password and QR code.
- Recognizes faces 0.3 m to 3.0 m away (0.98 ft–9.84 ft), and detects persons between the height of 0.9 m and 2.4 m (2.95 ft–7.87 ft).
- Powered by the face recognition deep learning algorithm, the device can accurately locate over 360 key points on the face of a target.
- Faces can be recognized within 0.2 seconds, without need for the person to touch the device.
- Features face mask detection and safety helmet detection.
- Plays advertisements in video and image format.
- Liveness detection is used to detect spoof attempt, such as using a photo or video to gain access.
- Supports extension modules for fingerprint, QR code and the combination of fingerprint and QR code.
- Recognizes up to 6 faces at the same time.

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|------------------------------|--------------------------------------------------------------------|
| Card Type | IC card; Desfire card (EV3, Compatible with Dahua card by default) |
| 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 | 2.4 GHz |
| Max Transmission Power | ≤20 dBm@2400-2483.5 MHz |
| Wireless Security Encryption | WPA/WPA2; WPA-PSK/WPA2-PSK |
| Advertisement Playing | Support graphic advertisement play |
| Peripheral Card Reader | 1 × RS-485 port; 1 × Wiegand port |
| Multi-user Authentication | Yes |
| Real-time Monitoring | Yes |
| Multi-factor Authentication | Yes |
| Capture Function | Yes |
| Web Configuration | Yes |

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| Auto Registration | Yes |
| Performance | |
| Encryption | Yes |
| Card Reading Distance | 0 cm–4 cm (0"–1.57") |
| Face Recognition Height Range | 0.9 m–2.4 m (2.95 ft–7.87 ft) |
| Face Recognition Distance | 0.3 m–3.0 m (0.98 ft–9.84 ft) |
| Face Recognition Accuracy | 99.9% |
| Face Recognition Time | 0.2 s |
| Supported Codes | QR code |
| Code Type | Electronic code; Printed code |
| Code Recognition Accuracy | Recognition rate: >80% Accuracy: >90% |

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

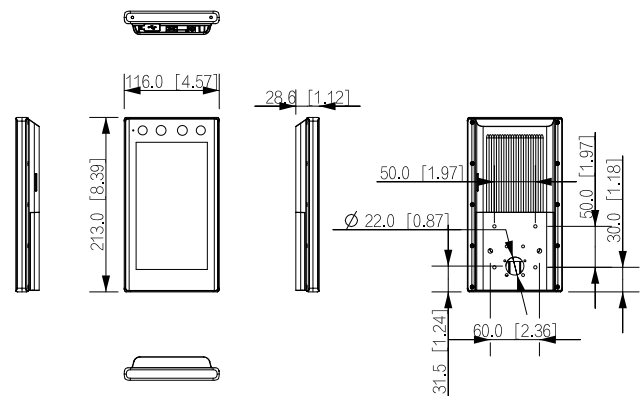
| | |
|---------------------|--------|
| Capacity | |
| User Capacity | 50000 |
| Face Image Capacity | 50000 |
| Card Capacity | 100000 |
| Password Capacity | 50000 |
| Record Capacity | 300000 |

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| Port | |
| RS-485 | 1 |
| RS-232 | 1 |
| Wiegand | 1 (input or output) |
| USB | 1 × USB 2.0 port |
| Network Port | 1 × RJ-45 10/100 Mbps Ethernet port |
| Alarm Input | 2 |
| Alarm Output | 1 (relay) |
| Alarm Linkage | Yes |
| Exit Button | 1 |
| Door Status Detection | 1 |
| Lock Control | 1 |

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|---------------------|-----|
| 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 | Included |
| Power Supply | 12 VDC, 2 A |
| Protection | IP65 |
| Power Consumption | ≤6 W (standby), ≤12 W (working) |
| Product Dimensions | 213 mm × 116 mm × 28.6 mm (8.39" × 4.57" × 1.13) (H × W × D) |
| Packaging Dimensions | Carton: 330 mm × 148 mm × 111 mm (12.99" × 5.83" × 4.37") (H × W × D) Protection box: 585 mm × 320 mm × 360 mm (23.03" × 12.60" × 14.17") (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–4,265.09 ft) |
| Operating Environment | Outdoor |
| Gross Weight | 1.2 kg (2.65 lb) |
| Accessory | Included: Wall mount bracket |
| Installation | Turnstile Mount; 86 case mount; Wall; Floor Bracket Mount |

Dimensions (mm[inch])



Dimensions (mm[inch])

