# DHI-ASI3213A-W

Face Recognition Access Controller





## FACT



- 4.3 inch glass touch screen with a resolution of  $480 \times 272$ .
- 2-MP wide-angle dual-lens camera with IR illumination and DWDR.
- Multiple unlock methods including face and password. You can also combine them to create your own personal unlock methods.
- Supports mask detection.
- Supports visitor QR code with DSS Pro Platform.
- Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft).
- Supports 3,000 users, 3,000 faces, 3,000 passwords, 5,000 cards, 50 administrators, and 300,000 records.
- Liveness detection has a face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2 s per person.
- Supports making video calls and using the app to receive alarm notifi cations, remotely unlock doors and to perform other tasks.
- Supports customization of voice prompts.

#### **Technical Specification**

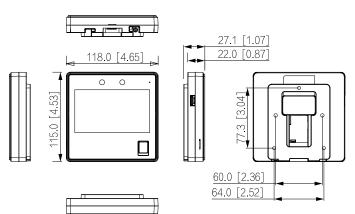
| System             |   |
|--------------------|---|
| Main Processor     | Embedded Processor                                  |
| Network Protocol   | IPv4; RTSP; RTP; TCP; UDP; SIP; P2P                 |
| OSDP Protocol      | Yes   |
| Interoperability   | ONVIF; CGI  |
| SDK and API        | Yes   |
| Basic              |   |
| Product Type       | Standalone  |
| Display Screen     | 4.3" LCD  |
| Screen Type        | Capacitive Touchscreen                              |
| Screen Resolution  | 480 (H) × 272(V)                                    |
| Camera             | 2-MP CMOS HD dual-lens camera                       |
| WDR                | DWDR  |
| Light Compensation | Auto IR   |
| Voice Prompt       | Yes   |
| Casing             | PC + ABS  |
| Function           |   |
| Unlock Mode        | Password, remote, card, face and combination unlock |
| Card Type          | IC card   |
| Period List        | 128 periods   |
|                    |   |

| Network UpdateYesFirst User UnlockVesRemote VerificationYesRestricted List/Trusted ListYesWi-FiVesMulti-user AuthenticationYesMulti-user AuthenticationYesReal-time MonitoringYesWeb ConfigurationYesAuto RegistrationYesPerformanceYesCard Reading DistanceSinal ConfigurationFaceRecognition DistanceInn=2non(sinft-6.56 ftt)Face Recognition AccuraceJosFace Recognition TimeSinal Conft-Gate AccuraceFace Recognition TimeSinal Conft AccuraceFace Recognition Time  | Holiday Period               | 128 periods                                    |
|--|------------------------------|--|
| InstructionYesRemote VerificationYesRestricted List/Trusted ListYesWi-FiYesPeripheral Card Reader1 × RS-485 card reader;1 × Wiegand card readerMulti-user AuthenticationYesReal-time MonitoringYesWeb ConfigurationYesAuto RegistrationYesPerformanceCard Reading Distanceface Recognition Height<br>Range.1 m-2.0 m (3.61 ft-6.56 ft)Face Recognition Accuracy9.9%  | Network Update               | Yes  |
| Nemote vermeationInterformed vermeationRestricted List/Trusted ListYesWi-FiYesPeripheral Card Reader1 × RS-485 card reader;1 × Wiegand card readerMulti-user AuthenticationYesReal-time MonitoringYesWeb ConfigurationYesAuto RegistrationYesPerformanceCard Reading DistanceFace Recognition Height<br>Range.1 m-2.0 m (3.61 ft-6.56 ft)Face Recognition Distance0.3 m-1.5 m (0.98 ft-4.92 ft)Face Recognition Accuracy9.9%   | First User Unlock            | Yes  |
| Network of the sector bit of the | Remote Verification          | Yes  |
| NumberPeripheral Card Reader1 × RS-485 card reader;1 × Wiegand card readerMulti-user AuthenticationYesReal-time MonitoringYesWeb ConfigurationYesAuto RegistrationYesPerformanceYesCard Reading Distance0 cm-3 cm (0"-1.18")Face Recognition Height<br>Range.1 m- 2.0 m (3.61 ft-6.56 ft)Face Recognition Distance0.3 m-1.5 m (0.98 ft-4.92 ft)Face Recognition Accuracy9.9%   | Restricted List/Trusted List | Yes  |
| Nulti-user AuthenticationYesReal-time MonitoringYesWeb ConfigurationYesAuto RegistrationYesPerformanceCard Reading DistanceFace Recognition Height<br>Range.1 m- 2.0 m (3.61 ft-6.56 ft)Face Recognition Distance.3 m-1.5 m (0.98 ft-4.92 ft)Face Recognition Accuracy9.9%   | Wi-Fi                        | Yes  |
| Number AddictificationPerformanceCard Reading Distance0 cm-3 cm (0"-1.18")Face Recognition Height<br>Range1.1 m- 2.0 m (3.61 ft-6.56 ft)Face Recognition Distance0.3 m-1.5 m (0.98 ft-4.92 ft)Face Recognition Accuracy99.9%   | Peripheral Card Reader       | 1 × RS-485 card reader;1 × Wiegand card reader |
| Near time informationPerformanceCard Reading Distance0 cm-3 cm (0"-1.18")Face Recognition Height<br>Range1.1 m- 2.0 m (3.61 ft-6.56 ft)Face Recognition Distance0.3 m-1.5 m (0.98 ft-4.92 ft)Face Recognition Accuracy99.9%  | Multi-user Authentication    | Yes  |
| Auto RegistrationYesPerformance0 cm-3 cm (0"-1.18")Face Recognition Height<br>Range1.1 m- 2.0 m (3.61 ft-6.56 ft)Face Recognition Distance0.3 m-1.5 m (0.98 ft-4.92 ft)Face Recognition Accuracy99.9%  | Real-time Monitoring         | Yes  |
| Performance   Card Reading Distance 0 cm-3 cm (0"-1.18")   Face Recognition Height<br>Range 1.1 m- 2.0 m (3.61 ft-6.56 ft)   Face Recognition Distance 0.3 m-1.5 m (0.98 ft-4.92 ft)   Face Recognition Accuracy 99.9%   | Web Configuration            | Yes  |
| Card Reading Distance0 cm-3 cm (0"-1.18")Face Recognition Height<br>Range1.1 m- 2.0 m (3.61 ft-6.56 ft)Face Recognition Distance0.3 m-1.5 m (0.98 ft-4.92 ft)Face Recognition Accuracy99.9%  | Auto Registration            | Yes  |
| Face Recognition Height<br>Range1.1 m- 2.0 m (3.61 ft-6.56 ft)Face Recognition Distance0.3 m-1.5 m (0.98 ft-4.92 ft)Face Recognition Accuracy99.9%   | Performance                  |  |
| Range 1.1 m - 2.0 m (3.61 ft - 6.56 ft)   Face Recognition Distance 0.3 m - 1.5 m (0.98 ft - 4.92 ft)   Face Recognition Accuracy 99.9%  | Card Reading Distance        | 0 cm-3 cm (0"-1.18")                           |
| Face Recognition Accuracy 99.9%  | • •                          | 1.1 m- 2.0 m (3.61 ft-6.56 ft)                 |
|  | Face Recognition Distance    | 0.3 m–1.5 m (0.98 ft–4.92 ft)                  |
| Face Recognition Time 0.2 s  | Face Recognition Accuracy    | 99.9%  |
|  | Face Recognition Time        | 0.2 s  |
| Read Speed (QR Code ) 500 ms   | Read Speed (QR Code )        | 500 ms   |
| Code Type Paper; Electronic  | Code Type                    | Paper; Electronic                              |

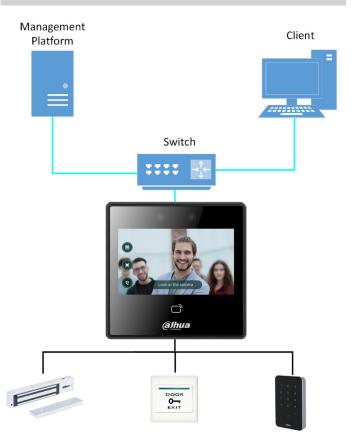
## ASI3 Series | DHI-ASI3213A-W

| User                                |   |
|-------------------------------------|---|
| User (Card) Type                    | Normal user; VIP users; patrol users; guest user;<br>blocklist user; other user |
| Capacity                            |   |
| User Capacity                       | 3,000   |
| Face Image Capacity                 | 3,000   |
| Card Capacity                       | 5,000   |
| Password Capacity                   | 3,000   |
| Record Capacity                     | 300,000   |
| Port                                |   |
| RS-485                              | 1   |
| Wiegand                             | 1   |
| USB                                 | 1 × USB 2.0   |
| Network Port                        | $1 \times RJ-45$ 10/100 Mbps self-adaptive Ethernet port                        |
| Exit Button                         | 1   |
| Lock Control                        | 1   |
| Door Status Detection               | 1   |
| Alarm                               |   |
| Anti-pass Back                      | Yes   |
| Tamper Alarm                        | Yes   |
| Duress Alarm                        | Yes   |
| Door Sensor Timeout                 | Yes   |
| Intrusion                           | Yes   |
| Illegal Card Exceeding<br>Threshold | Yes   |
| General                             |   |
| Power Adapter                       | Standard  |
| Power Supply                        | 12 VDC, 1.5 A   |
| Power Consumption                   | ≤18 W   |
| Product Dimensions                  | 115.0 mm × 118.0 mm × 27.1 mm (4.53" × 4.65" × 1.07") (H × W × W)               |
| Packaging Dimensions                | 190 mm × 179 mm × 127 mm (7.48" × 4.65" × 5.00") (L<br>× W × H, protection box) |
| Operating Temperature               | -10 °C to +40 °C (+14 °F to +104 °F)  |
| Operating Humidity                  | 0%–90% (RH), non-condensing   |
| Operating Environment               | Indoor  |
| Net Weight                          | 250 g (0.55 lb)   |
| Gross Weight                        | 400 g (0.88 lb)   |
| Accessory                           | Wall mount bracket (included)   |
| Installation                        | Wall mount; 86 case mount; desk mount   |

### Dimensions (mm[inch])



## Application



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