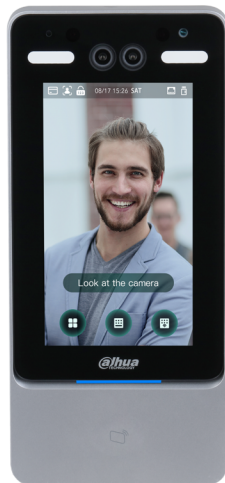


# DHI-ASI7213Y-V3

## Face Recognition Access Controller



- 7 inch IPS display, resolution 1024×600
- Support face unlock, IC card unlock, and password unlock; unlock by period
- With face detection box; the largest face among faces that appear at the same time is recognized first; the maximum face size can be configured on the web
- 2MP wide-angle WDR lens; with auto/manual fill light
- Face-camera distance: 0.3 m–2.0 m; human height: 0.9 m–2.4 m
- With face recognition algorithm, the access controller can recognize more than 360 positions on human face
- Face verification accuracy>99.5%; face comparison speed 0.35s per person; low false recognition rate
- Support profile recognition; the profile angle is 0°–90°
- Holds 50, 000 users, 50, 000 faces, 50, 000 cards, 50, 000 passwords, and 50 administrators
- Support liveness detection
- Support duress alarm, tamper alarm, intrusion alarm, door contact timeout alarm, illegal card exceeding threshold alarm , and more
- Support general users, patrol users, VIP users, guest users, and the disabled users
- With 4 unlock status display modes

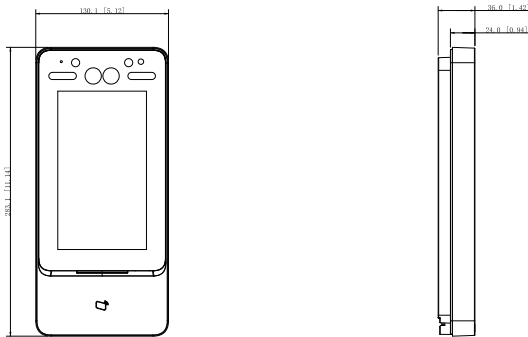
| Technical Specification      |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| System                       |                                                                         |
| Main Processor               | Embedded Processor                                                      |
| Internet Protocol            | IPv4, RTSP, RTP, TCP, UDP, P2P                                          |
| OSDP Protocol                | Yes                                                                     |
| Interoperability             | CGI                                                                     |
| SDK and API                  | Support SDK                                                             |
| Basic                        |                                                                         |
| Display                      | 7 inch IPS                                                              |
| Screen Type                  | Capacitive touch screen                                                 |
| Resolution                   | 600(H)×1024(V)                                                          |
| Camera                       | 2 MP CMOS camera                                                        |
| WDR                          | 120dB                                                                   |
| Light Compensation           | Auto white light<br>Auto IR light                                       |
| Status Indicator             | 1 indicator light. Red: Error; Green: Normal; Blue: Working.            |
| Voice Prompt                 | Yes                                                                     |
| Housing Material             | PC+ABS                                                                  |
| Function                     |                                                                         |
| Unlock Mode                  | Card/remote/password/face unlock and unlock through their combinations; |
| Card Reading Type            | IC card                                                                 |
| Period List                  | 128                                                                     |
| Holiday Period               | 128                                                                     |
| First-Card Unlock            | Yes                                                                     |
| Remote Verification          | Yes                                                                     |
| Peripheral Card Reader       | 1 RS-485, 1 Wiegand                                                     |
| Multiple Card Authentication | Yes                                                                     |
| Real-Time Surveillance       | Yes                                                                     |
| Web Configuration            | Yes                                                                     |
| Performance                  |                                                                         |
| Card reading distance        | 1cm–5cm                                                                 |
| Face Recognition Range       | Face-camera distance: 0.3 m–2.0 m;<br>Human height: 0.9 m–2.4 m         |
| Face Verification Accuracy   | >99.5%                                                                  |
| Face Recognition Time        | 0.35s                                                                   |
| Capacity                     |                                                                         |
| User Capacity                | 50, 000                                                                 |
| Face Image Capacity          | 50, 000                                                                 |
| Card Capacity                | 50, 000                                                                 |
| Password Capacity            | 50, 000                                                                 |

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Record Capacity                  | 100, 000 records                                                                                                          |
| Port                             |                                                                                                                           |
| RS-485                           | 1                                                                                                                         |
| RS-232                           | 1                                                                                                                         |
| Wiegand                          | 1 input/output                                                                                                            |
| USB                              | 1 USB2.0 port                                                                                                             |
| Ethernet                         | 1 10M/100M Ethernet Port                                                                                                  |
| Alarm Input                      | 2 (Switch quantity)                                                                                                       |
| Alarm Output                     | 2 (Relay)                                                                                                                 |
| Alarm Linkage                    | Yes                                                                                                                       |
| Exit Button                      | 1                                                                                                                         |
| Door Status Detection            | 1                                                                                                                         |
| Lock Control                     | 1                                                                                                                         |
| Alarm                            |                                                                                                                           |
| Anti-Passback                    | Yes                                                                                                                       |
| Tamper Alarm                     | Yes                                                                                                                       |
| Duress                           | Yes                                                                                                                       |
| Door Sensor Timeout              | Yes                                                                                                                       |
| Intrusion                        | Yes                                                                                                                       |
| Illegal Card Exceeding Threshold | Yes                                                                                                                       |
| General                          |                                                                                                                           |
| Power Supply                     | Provided                                                                                                                  |
| Power Supply Mode                | DC 12V 2A                                                                                                                 |
| Power Consumption                | 12W                                                                                                                       |
| Production Dimensions            | 283.0mm×130.0mm×36.9mm (11.14"×5.12"×1.45")                                                                               |
| Packaging Dimensions             | Controller packaging: 380mm×235mm×124mm (14.96"×9.25"×4.88")<br>Protective case: 494mm×402mm×275mm (19.45"×15.83"×10.83") |
| Working Temperature              | -10°C to +55°C (+14°F to +131°F)                                                                                          |
| Working Humidity                 | 0%RH–90%RH (non-condensing)                                                                                               |
| Working Environment              | Indoor                                                                                                                    |
| Gross Weight                     | 1.8kg (3.97 lb)                                                                                                           |
| Installation Method              | Wall mounted                                                                                                              |
| Certifications                   | CE/FCC                                                                                                                    |

## Ordering Information

| Type                                                 | Part Number     | Description                                                 |
|------------------------------------------------------|-----------------|-------------------------------------------------------------|
| Face Recognition Access Controller (IC card; indoor) | DHI-ASI7213Y-V3 | 7-inch Face Recognition Access Controller (IC card; indoor) |
| Face Recognition Access Controller (IC card; indoor) | ASI7213Y-V3     | 7-inch Face Recognition Access Controller (IC card; indoor) |

## Dimensions (mm[inch])



## Application

