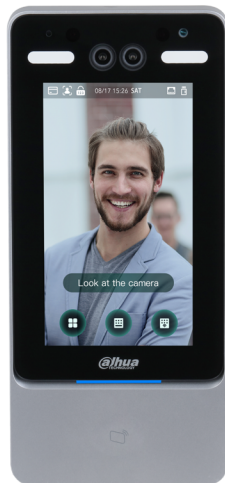


# DHI-ASI7213Y-V3

## 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  | ONVIF; 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 |

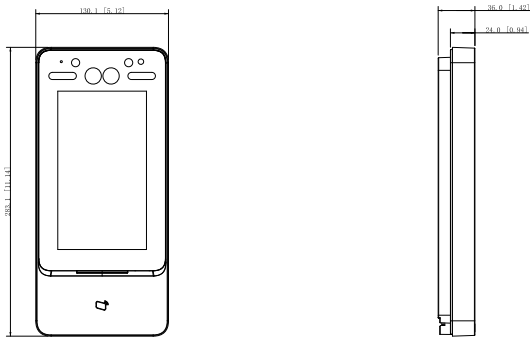
### General

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

