

# DHI-ASI7213X-T

## Face Recognition Access Controller



- 2.5D curved screen
- 7 Inch LCD display with resolution of 1024×600
- 2 MP CMOS, WDR
- Auto fill light reduces light pollution
- Can hold 100,000 users, 100,000 face images, 100,000 cards, 100,000 password, 50 administrators, and 300,000 records
- Support face, IC card, password unlock and unlock through their combinations
- 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
- Face-camera distance: 0.3 m–2.0 m; human height: 0.9 m–2.4 m (lens-ground distance: 1.4 m)
- With face recognition algorithm, the access controller can recognize more than 360 positions on human face
- Face recognition speed: 0.2 s per face
- Support liveness detection
- Accurate recognition in backlight and front light
- Various unlock status display modes protect user privacy
- Support enabling/disabling the thermometer; temperature measurement range is 30°C to 45°C; temperature measurement distance range is 0.3 m–0.7 m; temperature measurement error is ±0.3°C; report temperature anomaly alarm
- Support mask detection, report alarm of abnormal events without wearing a mask
- Support duress alarm, tamper alarm, intrusion alarm, door contact timeout alarm, and illegal card exceeding threshold alarm
- Support general users, patrol users, VIP users, guest users, and special users

### 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 display  |
| Screen Type        | Capacitive Screen   |
| Resolution         | 600(H)×1024(V)  |
| Camera             | 1/2.8" 2MP CMOS high definition WDR dual 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   | Aluminium alloy/tempered glass/PC                           |

#### Function

|                     |  |
|---------------------|--|
| Unlock Mode         | Card/Remote/Password/Face unlock and unlock through their combinations<br>Face unlock under temperature measurement mode |
| 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 Authentication | Yes                 |
| Real-Time Surveillance  | Yes                 |
| Web Configuration       | Yes                 |

## Performance

|                                  |  |
|----------------------------------|--|
| Card Reading Distance            | 3cm  |
| Face Recognition Range           | Face-camera distance: 0.3 m–2.0 m<br>Human height: 0.9m–2.4 m  |
| Face Verification Accuracy       | ≥99.5%   |
| Face Recognition Time            | 0.2s   |
| Temperature Measurement Range    | 30 C to 45 C   |
| Temperature Measurement Accuracy | 0.1 C  |
| Temperature Measurement Error    | ±0.3°C   |
| Temperature Measurement Distance | 30 cm–70 cm  |
| Temperature Measurement Height   | 140 cm–185 cm (when temperature measurement distance is 50 cm)<br>135 cm–200 cm (when temperature measurement distance is 70 cm) |

## Capacity

|                     |                 |
|---------------------|-----------------|
| User Capacity       | 100,000         |
| Face Image Capacity | 100,000         |
| Card Capacity       | 100,000         |
| Password Capacity   | 100,000         |
| Record Capacity     | 300,000 records |

## Port

|                       |   |
|-----------------------|---|
| RS-485                | 1   |
| RS-232                | 1   |
| Wiegand               | 1 (input or output)                               |
| USB                   | 2 USB2.0 port                                     |
| Ethernet              | 1 1000M Ethernet Port<br>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        | Yes |

|                                  |     |
|----------------------------------|-----|
| Duress                           | Yes |
| Door Sensor Timeout              | Yes |
| Intrusion                        | Yes |
| Illegal Card Exceeding Threshold | Yes |

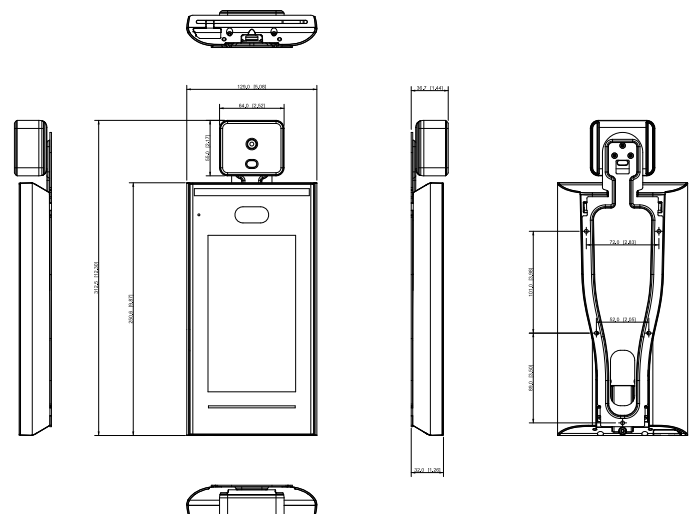
## General

|                      |   |
|----------------------|---|
| Power Supply         | Provided  |
| Power Supply Mode    | DC 12V 2A   |
| Power Consumption    | ≤24W  |
| Product Dimensions   | 312.5 mm × 129.0 mm × 36.7 mm (12.30" × 5.08" × 1.44")  |
| Packaging Dimensions | Controller packing: 380 mm × 235 mm × 124 mm (14.96" × 9.25" × 4.88")<br>Protective case: 494 mm × 402 mm × 275 mm (19.45" × 15.83" × 10.83") |
| Working Temperature  | Thermometer disabled: -10°C to +55°C (+14°F to +131°F)<br>Thermometer enabled: +15°C to +30°C (+59°F to +86°F)                                |
| Working Humidity     | 0%RH–90%RH (non-condensing)   |
| Working Environment  | Indoor  |
| Gross Weight         | 2.2 kg (4.85 lb)  |
| Installation         | Wall mounted  |
| Certifications       | CE/FCC  |

## Ordering Information

| Type   | Model          | Description   |
|--|----------------|---|
| Face Recognition Access Controller (indoor; temperature measurement) | DHI-ASI7213X-T | 7-inch Face Recognition Access Controller (indoor; temperature measurement) |

## Dimensions (mm[inch])



Application

