

DHI-ASI7223X-A-T

Face Recognition Terminal



- 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 password, 50 administrators, and 300,000 records
- Support face and 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 terminal can recognize more than 360 positions on human face
- Support liveness detection
- Face recognition speed: 0.2 s per face
- 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–0.5 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 and tamper 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

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|--------------------|---|
| 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 Auto IR light |

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|------------------|---|
| Status Indicator | 1 indicator light. Red: Error; Green: Normal; Blue: Working |
| Voice Prompt | Yes |
| Housing Material | Aluminium alloy/tempered glass/PC |

Function

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|----------------|---|
| Unlock Mode | Remote/Password/Face unlock and unlock through their combinations Face unlock under temperature measurement mode |
| Period List | 128 |
| Holiday Period | 128 |

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|------------------------|---------------------|
| Remote Verification | Yes |
| Peripheral Card Reader | 1 RS-485, 1 Wiegand |
| Real-Time Surveillance | Yes |
| Web Configuration | Yes |

Performance

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|----------------------------------|--|
| Face Recognition Range | Face-camera distance: 0.3 m–2.0 m 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) 135 cm–200 cm (when temperature measurement distance is 70 cm) |

Capacity

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|---------------------|-----------------|
| User Capacity | 100,000 |
| Face Image 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 1 10M/100M Ethernet Port |
| Alarm Input | 1 (Switch quantity) |
| Alarm Output | 1 (Relay) |
| Alarm Linkage | Yes |
| Exit Button | 2 |
| Lock Control | 2 |

Alarm

| | |
|---------------|-----|
| Anti-Passback | Yes |
| Tamper | Yes |
| Duress | Yes |

Regular

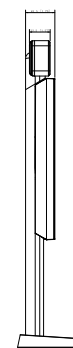
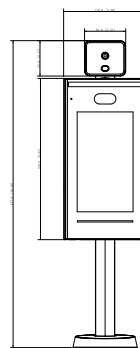
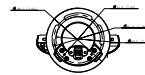
| | |
|--------------|----------|
| Power Supply | Provided |
|--------------|----------|

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|----------------------|--|
| Power Supply Mode | DC 12V 2A |
| Power Consumption | ≤ 24W |
| Product Dimensions | 477.0 mm × 129.0 mm × 99.7 mm (18.78" × 5.08" × 3.93") |
| Packaging Dimensions | Controller packing: 593 mm × 258 mm × 130 mm (23.35" × 10.16" × 5.12") Protective case: 672 mm × 615 mm × 291 mm (26.46" × 24.21" × 11.46") |
| Working Temperature | Thermometer disabled: –10°C to +55°C (+14°F to +131°F) 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 | 3.1 kg (6.83 lb) |
| Installation | Desktop |
| Certifications | CE/FCC |

Ordering Information

| Type | Model | Description |
|---|------------------|---|
| Face Recognition Terminal(indoor;temperature measurement) | DHI-ASI7223X-A-T | 7-inch Face Recognition Terminal (indoor;temperature measurement) |

Dimensions (mm[inch])



Application

