

# DHI-ASI7213X-T1

## Face Recognition Access Controller



- 2.5D curved screen
- 7-inch LCD display with resolution of 1024 × 600
- 2MP CMOS, WDR
- Auto illumination 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 terminal 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 temperature monitoring mode; temperature monitoring range is 30°C to 45°C; temperature monitoring distance range is 0.3 m–1.8 m; temperature monitoring error is ≤ 0.5°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
Network Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P
OSDP Protocol	Yes
Interoperability	ONVIF; CGI
SDK and API	Support SDK

#### Basic

Display Screen	7-inch display screen
Screen Type	Capacitive screen
Resolution	600 (H) × 1024 (V)
Camera	1/2.8" 2MP CMOS high definition WDR dual camera
WDR	120 dB
Light Compensation	Auto white light Auto IR light
Status Indicator	1 indicator light. Red: Error; Green: Normal; Blue: Working
Voice Prompt	Yes
Casing	Aluminium alloy/tempered glass/PC

#### Function

Unlock Mode	Card/Remote/Password/Face unlock and unlock through their combinations Face unlock under temperature monitoring mode
Card 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	3 cm
Face Recognition Distance	Face-camera distance: 0.3 m–2.0 m Human height: 0.9 m–2.4 m
Face Verification Accuracy	99.5%
Face Recognition Time	0.2 s
Temperature Monitoring Range	30°C to 45°C
Temperature Monitoring Error	≤ 0.5°C
Temperature Monitoring Distance	0.3 m–1.2 m
Temperature Monitoring Height	135 cm–185 cm (when temperature monitoring distance is 0.5 m) 120 cm–210 cm (when temperature monitoring distance is 1.2 m)

## 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
Wiegand	1 (input or output)
USB	1 USB2.0 port
Network	1 1000Mbps network port 1 100Mbps network 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
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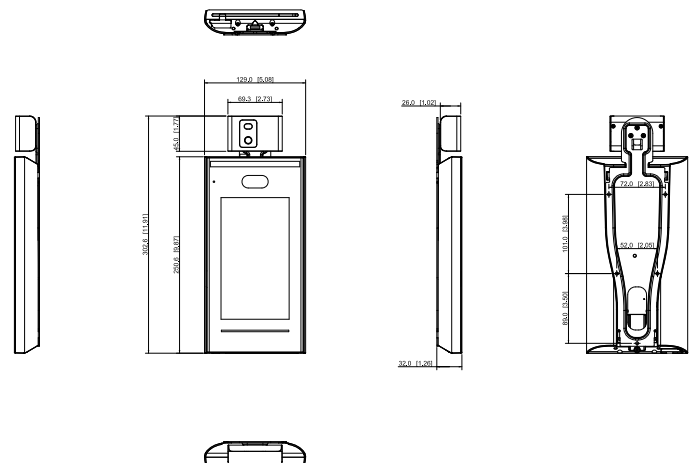
## General

Power Adapter	Included
Power Supply	12V 2A DC
Power Consumption	≤ 24W
Product Dimensions	302.6 mm × 129.0 mm × 32.0 mm (11.91" × 5.08" × 1.26")
Packaging Dimensions	Controller packaging: 380 mm × 235 mm × 124 mm (14.96" × 9.25" × 4.88") Protective case: 494 mm × 402 mm × 275 mm (19.45" × 15.83" × 10.83")
Operating Temperature	Temperature monitoring mode disabled: –10°C to +55°C (+14°F to +131°F) Temperature monitoring mode enabled: +15°C to +30°C (+59°F to +86°F)
Operating Humidity	0%RH–90%RH (non-condensing)
Operating Environment	Indoor
Gross Weight	2.2 kg (4.85 lb)
Installation	Wall mount
Certifications	CE/FCC

## Ordering Information

Type	Model	Description
Face Recognition Access Controller (indoor; temperature monitoring)	DHI-ASI7213X-T1	7-inch Face Recognition Access Controller (indoor; temperature monitoring)
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## Dimensions (mm[inch])



Application

