DHI-ASI7213Y-V3-T1P

Face Recognition Access Controller

- 7 Inch LCD display with resolution of 1024 × 600
- 2 MP CMOS, WDR
- Auto fill light reduces light pollution
- Can hold 50,000 users, 50,000 face images, 50,000 cards, 50,000 password, 50 administrators, and 100,000 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: 0.35 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–1.2 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
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	120 dB
Light Compensation	Auto white light 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 cmbinations; Face unlock under temperature monitoring 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	5 cm
Face Recognition Range	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	0.35 s
Temperature Monitoring Range	30°C to 45°C (86°F to 113°F)
Temperature Monitoring Error	≤ 0.5 s
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	50, 000
Face Image Capacity	50, 000
Card Capacity	50, 000
Password Capacity	50, 000
Record Capacity	100, 000 records

Port

RS-485	1
Wiegand	1 (input or output)
USB	1 USB2.0 port
Network	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

General

Power Supply	Provided
Power Supply Mode	DC 9V–15V 1A
Power Consumption	≤ 12W
Product Dimensions	336.9 mm × 130.1 mm × 40.5 mm (13.26" × 5.12" × 1.59")
Packaging Dimensions	Controller packging: 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")

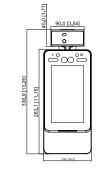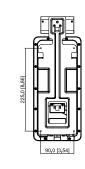|	
Working Temperature	Temperature monitoring mode disabled: −10°C to 55°C (14°F to 131°F) Temperature monitoring mode enabled: +10°C to +35°C (+50 °F to +95°F)
Working Humidity	10%RH–90%RH (non-condensing)
Working Environment	Indoor
Gross Weight	2.0 kg (4.41 lb)
Installation	Wall mount
Certifications	CE/FCC

Ordering Information

Type	Model	Description
Face Recognition Access Controller (indoor; temperature monitoring)	DHI-ASI7213Y-V3-T1P	7-inch Face Recognition Access Controller (indoor; temperature monitoring)
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Dimensions (mm[inch])

Application

Management Platform

Switch

Client

Face Recognition Access Controller

Lock   Exit Button   Card Reader   Alarm Light