DHI-ASI7213YO-V3-T0

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, 150,000 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: 1.4 m–2.0 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 1 cm–5 cm; temperature monitoring 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 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 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

Temperature Monitoring

Temperature Monitoring Method	Wrist
Temperature Monitoring Range	30°C to 45°C
Temperature Monitoring Time	0.35s
Temperature Monitoring Environment	+10°C to +40°C (+50°F to +104°F)
Temperature Monitoring Error	±0.3°C
Temperature Monitoring Distance	1 cm–5 cm
Temperature Monitoring Height	140 cm–200 cm

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

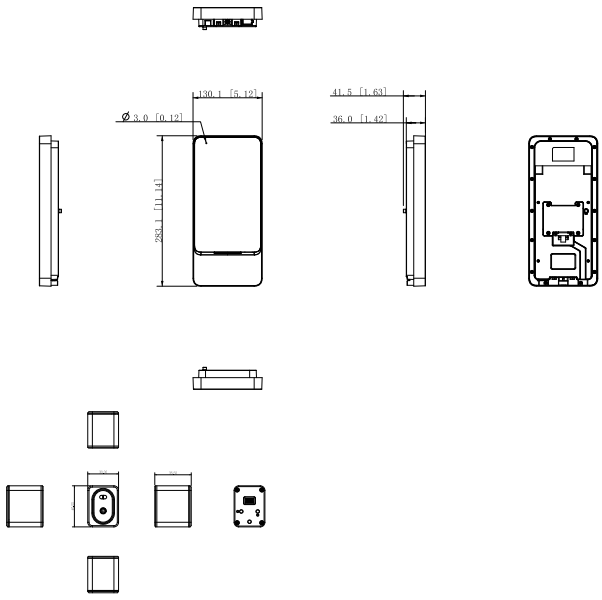
General

Power Supply	Provided
Power Supply Mode	DC 12V 1A
Power Consumption	≤12W
Product Dimensions	312.5 mm × 129.0 mm × 36.7 mm (12.30" × 5.08" × 1.44")
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 +40°C (+50°F to +104°F)
Working Humidity	0%RH–90%RH (non-condensing)
Working Environment	outdoor(Need sun protection)
Gross Weight	2.2 kg (4.85 lb)
Installation	Vertical mounted or Desktop mounted (Optional: ASF172YV3-T0 or ASF172YV3/II-T0)
Certifications	CE/FCC

Ordering Information

Type	Model	Description
Face Recognition Access Controller (outdoor;temperature monitoring)	DHI-ASI7213YO-V3-T0	7-inch Face Recognition Access Controller (outdoor;temperature monitoring)

Dimensions (mm[inch])



Application



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