

# DHI-ASI7223Y-A-V3-T1

## Face Recognition Terminal



- 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 password, 50 administrators, and 100,000 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 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 (86°F to 113°F); 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 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

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	Remote/Password/Face unlock and unlock through their combinations; Face unlock under temperature monitoring mode
Period List	128
Holiday Period	128
Remote Verification	Yes
Peripheral Card Reader	1 RS-485, 1 Wiegand
Real-Time Surveillance	Yes

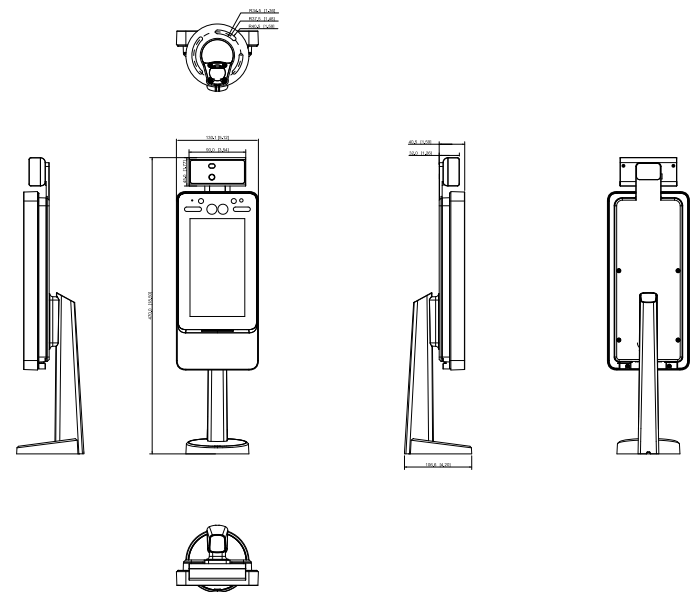
Web Configuration	Yes
<b>Performance</b>	
Face Recognition Range	Face-camera distance: 0.3 m–2.0 m Human height: 0.9 m–2.4 m
Face Verification Accuracy	99.5%
Face Recognition Time	0.35 s
Temperature Monitoring Range	30°C–45°C (86°F–113°F)
Temperature Monitoring Error	≤ 0.5°C
Temperature Monitoring Distance	0.3 m–1.8 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)
<b>Capacity</b>	
User Capacity	50,000
Face Image Capacity	50,000
Password Capacity	50,000
Record Capacity	100,000 records
<b>Port</b>	
RS-485	1
Wiegand	1 (input or output)
USB	1 × USB2.0 port
Network	1 × 100 Mbps network port
Alarm Input	1 (Switch quantity)
Alarm Output	1 (Relay)
Alarm Linkage	Yes
Exit Button	2
Lock Control	2
<b>Alarm</b>	
Anti-Passback	Yes
Tamper	Yes
Duress	Yes
<b>General</b>	
Power Supply	Provided
Power Supply Mode	12V 1A DC
Power Consumption	≤ 12W
Product Dimensions	470.0 mm × 130.1 mm × 106.6 mm (18.50" × 5.12" × 4.20")
Packaging Dimensions	"Controller packaging: 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	"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)"
Working Humidity	0%RH–90%RH (non-condensing)
Working Environment	Indoor
Gross Weight	2.9 kg (6.39 lb)
Installation	Desktop
Certifications	CE/FCC

## Ordering Information

Type	Model	Description
Face Recognition Terminal (indoor; temperature monitoring)	DHI-ASI7223Y-A-V3-T1	7-inch Face Recognition Terminal (indoor; temperature monitoring)
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## Dimensions (mm[inch])



Application

