

DHI-ASI7223X-A-T

Face Recognition Terminal



Technical Specification

Sysi	tem
-,-	

Main Processor	Embedded Processor	
Internet Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P	
OSDP Protocol	Yes	
Interoperability	ONVIF; CGI	
SDK and API	Support SDK	

Basic

Busic	
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

- · 2.5D curved screen
- · 7 Inch LCD display with resolution of 1024×600
- · 2 MP CMOS, WDR
- · Auto fill light reduces light pollution
- \cdot Can hold 100,000 users, 100,000 face images, 100, 000 password, 50 administrators, and 300,000 records
- \cdot Support face and password unlock and unlock through their combinations
- \cdot 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
- \cdot Face-camera distance: 0.3 m–2.0 m; human height: 0.9 m–2.4 m (lens-ground distance: 1.4 m)
- \cdot 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
- \cdot Support enabling/disabling the thermometer; temperature measurement range is 30°C to 45°C; temperature measurement distance range is 0.3 m–0.7 m; temperature measurement error is ± 0.5 °C;

report temperature anomaly alarm

- · Support mask detection, report alarm of abnormal events without wearing a mask
- \cdot Support duress alarm and tamper alarm
- \cdot Support general users, patrol users, VIP users, guest users, and special users

Status Indicator	1 indicator light. Red: Error; Green: Normal; Blue: Working	
Voice Prompt	Yes	
Housing Material	Aluminium alloy/tempered glass/PC	
Function		
Unlock Mode	Remote/Password/Face unlock and unlock through their cmbinations Face unlock under temperature measurement mode	
Unlock Mode Period List	their cmbinations Face unlock under temperature measurement	

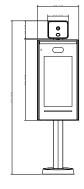
Remote Verification	Yes	
Peripheral Card Reader		
	1 RS-485, 1 Wiegand	
Real-Time Surveillance	Yes	
Web Configuration	Yes	
Performance		
Face Recognition Range	Face-camera distance: 0.3 m–2.0 m Human height: 0.9m–2.4 m	
Face Verification Accuracy	≥99.5%	
Face Recognition Time	0.2s	
Temperature Measurement Range	30°C to 45°C	
Temperature Measurement Accuracy	0.1°C	
Temperature Measurement Error	±0.5°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		
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		

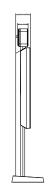
Devices Consults Manda	DC 13V34	
Power Supply Mode	DC 12V 2A	
Power Consumption	≤ 24W	
Product Dimensions	477.0 mm × 129.0 mm × 99.7 mm (18.78" × 5.08" × 3.93")	
Packaging Dimensions	Controller packging: $593 \text{ mm} \times 258 \text{ mm} \times 130 \text{ mm}$ (23.35" × 10.16" ×5.12") Protective case: $672 \text{ mm} \times 615 \text{ mm} \times 291 \text{ mm}$ (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		
Туре	Model	Description
Face Recognition Terminal(indoor;temperature measurement)	DHI-ASI7223X-A-T	7-inch Face Recognition Terminal (indoor;temperature measurement)

Dimensions (mm[inch])







Application

