

DHI-ASI3223GL

Face Recognition Access Controller



- 4.3-inch LCD touch screen; resolution 480 × 272
- 2MP wide-angle dual lens camera; support DWDR, white light fill light and IR fill light
- Support face, password unlock and unlock through their combinations; support unlock by period
- Stores 1,000 users, 1,000 face images, 1,000 password and 150,000 records
- Face-camera distance: 0.3 m–1.5 m; human height: 1.1 m–2.0 m (lens-ground distance: 1.4 m)
- Face verification accuracy 99.8%; face comparison speed 0.2s per person; low false recognition rate; support liveness detection

Technical Specification

System

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

Basic

Display Screen	4.3-inch display screen
Screen Type	Capacitive screen
Resolution	480 (H) × 272 (V)
Camera	1/2.7" 2MP CMOS high definition dual camera
WDR	DWDR
Light Compensation	Auto white light Auto IR light
Voice Prompt	Yes
Casing	PC+ABS

Function

Unlock Mode	Remote/password/face unlock and unlock through their combinations;
Period List	128
Holiday Period	128
First-User Unlock	Yes

Remote Verification	Yes
Peripheral Card Reader	1 RS-485
Multiple User Unlock	Yes
Real-Time Surveillance	Yes
Web Configuration	Yes

Performance

Face Recognition Distance	Face-camera distance: 0.3 m–1.5 m Human height: 1.1 m–2.0 m
Face Verification Accuracy	≥ 99.8%
Face Recognition Time	0.2 s

Capacity

User Capacity	1,000
Face Image Capacity	1,000
Password Capacity	1,000
Record Capacity	150,000 records

Port

RS-485	1
USB	1 USB2.0 port
Network	1 10/100 Mbps network port
Alarm Input	1 (Switch quantity)
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

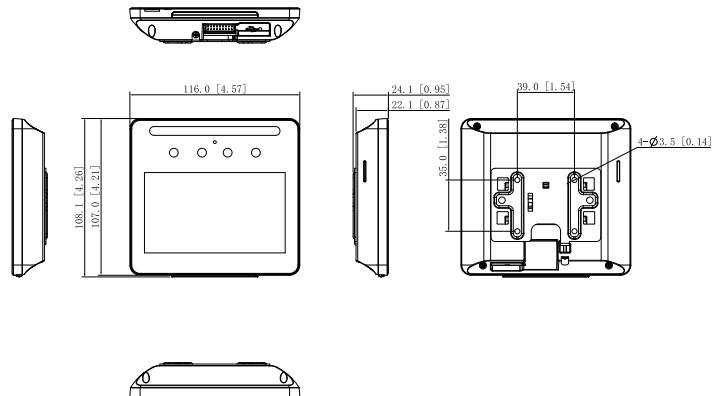
General

Power Supply	DC 12 V 1.5 A
Power Consumption	≤ 18 W
Product Dimensions	116 mm × 107 mm × 22 mm (4.57" × 4.21" × 0.87") (H×W×D)
Packaging Dimensions	170 mm × 164 mm × 101 mm (6.69" × 6.46" × 3.98") (H×W×D)
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Environment	Indoor
Gross Weight	0.596 kg (1.314 lb)
Installation	Surface mount
Certifications	CE/FCC

Ordering Information

Type	Model	Description
Face Recognition Access Controller	DHI-ASI3223GL	4.3-inch face recognition access controller

Dimensions (mm[inch])



Application

Management Platform

Client

