

ASI8213SA-W

Face Recognition Access Controller



- Built-in Android 11 OS.
- 8" LCD with a resolution of 800 × 1280.
- 2-MP dual-lens CMOS camera with true WDR.
- Supports 100,000 users, 100,000 faces, 500,000 cards, 50 administrators, and 300,000 records.
- Multiple unlock methods including face, IC card, password, and QR code unlock.
- Recognizes faces 0.3 m to 3.0 m away (0.98 ft–9.84 ft).
- Liveness detection has a face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2 s per person.
- Plays video and image advertisements.
- Supports making video calls and using the app to receive alarm notifications, remotely unlock doors and to perform other tasks.

Technical Specification

System

Main Processor	Embedded processor
Network Protocol	RTSP; DNS; P2P; UPnP; RTP; RTMP; SIP; SSH; HTTP/HTTPS; ONVIF
OSDP Protocol	Yes
Interoperability	ONVIF; CGI

Basic

Product Type	Standalone
Display Screen	8" LCD
Screen Type	Capacitive touchscreen
Screen Resolution	800 (H) × 1280 (V)
Camera	1/2.8" 2-MP CMOS HD WDR dual-lens camera
WDR	120 dB
Light Compensation	Auto IR
Voice Prompt	Yes
Casing Material	PC

Function

Unlock Mode	Card; face; remote; password; QR code; combination unlock
Card Type	IC card
Remote Verification	Yes
Restricted List/Trusted List	Yes

Wi-Fi	Yes
Advertisement Playing	Support graphic advertisement play
Peripheral Card Reader	1 × RS-485 port; 1 × Wiegand port
Real-time Monitoring	Yes
Capture Function	Yes
Web Configuration	Yes
Auto Registration	Yes

Performance

Card Reading Distance	5 cm (1.97") (IC card)
Face Recognition Height Range	0.9 m–2.4 m (2.95 ft–7.87 ft)
Face Recognition Distance	0.3 m–3 m (0.98 ft–9.84 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.2 s

Capacity

User Capacity	100,000
Face Image Capacity	100,000
Card Capacity	500,000
Password Capacity	100,000
Record Capacity	300,000

Port

RS-485	1
--------	---

RS-232	1
Wiegand	1 (input or output, configurable)
USB	1 × USB 2.0 port (Type-C)
Network Port	1 × RJ-45 10/100/1000 Mbps Ethernet port
Alarm Input	2 (digital quantity)
Alarm Output	2 (relay)
Alarm Linkage	Yes
Exit Button	1
Door Status Detection	1
Lock Control	1, normally open by default

Alarm

Anti-pass Back	Yes
Tamper Alarm	Yes
Duress Alarm	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card Exceeding Threshold	Yes

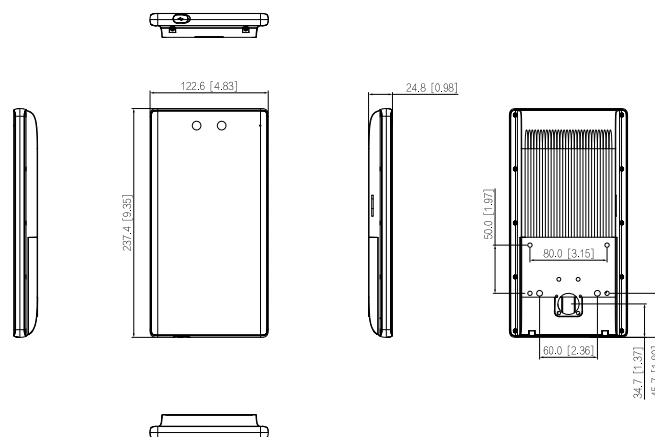
General

Power Adapter	Optional
Power Supply	12 VDC, 2 A
Protection	IP65
Power Consumption	≤8 W (standby), ≤10 W (working)
Product Dimensions	237.4 mm × 122.6 mm × 24.8 mm (9.35" × 4.83" × 0.98")
Packaging Dimensions	Carton: 299 mm × 164 mm × 72 mm (11.77" × 6.46" × 2.83") (H × W × D) Protection box: 390 mm × 320 mm × 360 mm (15.35" × 12.60" × 14.17") (H × W × D)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Altitude	0 m–1,300 m (0 ft–4,265.09 ft)
Operating Environment	Indoor; outdoor
Gross Weight	1.02 kg (2.25 lb)
Accessory	Included: Wall mount bracket
Installation	Wall; floor bracket mount; turnstile mount; 86 case mount

Ordering Information

Type	Model	Description
Face Recognition Access Controller	DHI-ASI8213SA-W	Dahua 8-inch Outdoor Android Face Recognition Access Controller (Wi-Fi)

Dimensions (mm[inch])



Application

