

DHI-ASA3223A-W

Face Recognition Time & Attendance



- 4.3 inch glass touch screen with a resolution of 480 × 272.
- 2-MP wide-angle dual-lens camera with IR illumination and DWDR.
- Verification Methods including face and password.
- Supports mask detection.
- Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft).
- Supports 2,000 users, 2,000 faces, 2,000 passwords, 50 administrators, and 300,000 records.
- Liveness detection has a face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2 s per person.
- Supports customization of voice prompts.

Technical Specification

System

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

Basic

Product Type	Standalone
Display Screen	4.3" LCD
Screen Type	Capacitive Touchscreen
Screen Resolution	480 (H) × 272(V)
Camera	2-MP CMOS HD dual-lens camera
WDR	DWDR
Light Compensation	Auto IR
Voice Prompt	Yes
Casing	PC + ABS

Function

Verification Method	Password, face, and other verification methods
Period List	128 periods
Holiday Period	128 periods
Network Update	Yes

Wi-Fi	Yes
Web Configuration	Yes
Auto Registration	Yes
Real-time Monitoring	Yes

Performance

Face Recognition Height Range	1.1 m–2.0 m (3.61 ft–6.56 ft)
Face Recognition Distance	0.3 m–1.5 m (0.98 ft–4.92 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.2 s

Capacity

User Capacity	2,000
Face Image Capacity	2,000
Password Capacity	2,000
Record Capacity	300,000

Port

USB	1 × USB 2.0
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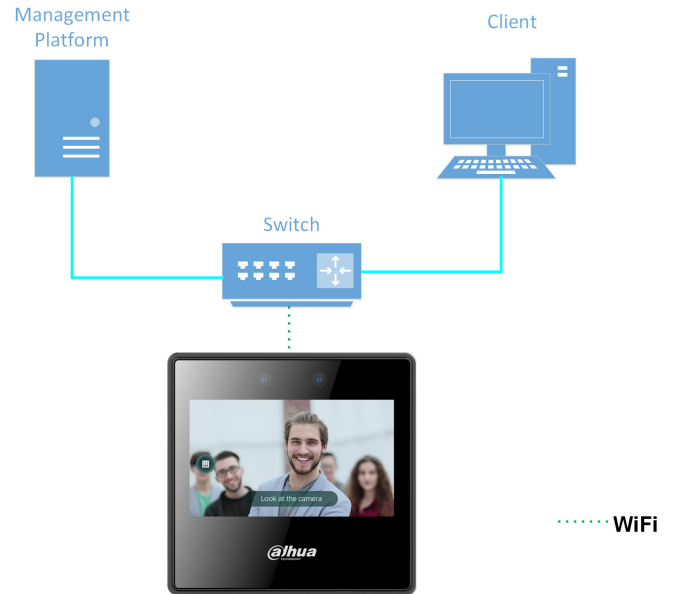
General

Power Adapter	Standard
Power Supply	12 VDC, 1.5 A

AS13 Series | DHI-ASA3223A-W

Power Consumption	≤18 W
Product Dimensions	115.0 mm × 118.0 mm × 27.1 mm (4.53" × 4.65" × 1.07") (H × W × W)
Packaging Dimensions	190 mm × 179 mm × 127 mm (7.48" × 4.65" × 5.00") (L × W × H, protection box)
Operating Temperature	-10 °C to +40 °C (+14 °F to +104 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Environment	Indoor
Net Weight	250 g (0.55 lb)
Gross Weight	400 g (0.88 lb)
Accessory	Wall mount bracket and desktop bracket (included)
Installation	Wall mount ; 86 case mount; desk mount

Application



Dimensions (mm[inch])

