DHI-ASI3204E-W

Dahua Single Door Face Recognition Access Controller



Series Overview

The Dahua Face Recognition Access Controller is equipped with a high-quality 2-MP CMOS dual-lens camera and advanced intelligent recognition algorithms. With an exceptional accuracy rate of 99.9%, this powerful controller effortlessly conducts speedy recognition in just 0.2 seconds. Moreover, it offers flexible support for multiple verification methods to cater to diverse scenes.

- Comes with a 2.4 inch LCD with a resolution of 320 (H) × 240 (V).
- 2-MP CMOS dual-lens camera with IR illumination and DWDR.
- Multiple unlock methods including face, IC card, password, fingerprint. You can configure scheduled unlock methods, or combine them to create your own personal unlock methods.
- Supports 1,000 users, 1,000 faces, 3,000 fingerprints, 3,000 cards, 1,000 passwords, 50 administrators, and 100,000 records.
- Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft) at an accuracy of 99.9%, and compares 1 face with N faces at the speed of 0.2 seconds per person.
- Supports security extension modules for access control, preventing doors from being forcefully opened.
- Supports Web attendance management and exporting local attendance reports.
- Supports doorbell.
- TCP/IP and Wi-Fi connection.
- Provides power to the electromagnetic lock and card reader (max 12 V, 1 A).

Technical Specification

System

Main Processor	Embedded Processor
Button Type	Mechanical
Network Protocol	IPv4;RTSP;UDP;P2P;IPv6;RTP;TCP
OSDP Protocol	Yes
Interoperability	ONVIF;CGI
SDK and API	Yes

Basic

Product Type	Standalone
Display Screen	2.4-inch display screen
Screen Type	Non-touchscreen
Screen Resolution	320 (H) × 240 (V)
Camera	2 MP CMOS HD Dual Cameras
WDR	DWDR
Light Compensation	Auto IR
Voice Prompt	Yes
Speaker	Yes
Casing Material	PC + ABS

Function

Verification Method	Card/remote/password/fingerprint/face unlock
Card Type	IC card
Period List	128 periods
Holiday Period	128 periods
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Wi-Fi	Yes
Wireless Standard	IEEE802.11b/802.11g/802.11n
Wireless Frequency Range	2.4 G
Peripheral Card Reader	One RS-485 card reader or one Wiegand card reader
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Multi-factor Authentication	Yes
Capture Function	Yes
Web Configuration	Yes
Auto Registration	Yes

RFID

Modulation Type	ASK

Frequency Range	13.56 MHz
Max. Transmission Power	42dBuA/m @10m

Performance

Card Reading Distance	0 cm–3 cm (0"–1.18")
Face Recognition Height Range	1.2 m–2.0 m (3.94 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
Fingerprint Sensor Type	Optical fingerprint
Fingerprint Verification Mode	1:N
Fingerprint Comparison Time	1.5 s
Fingerprint Recognition Time	0.5 s

User

User (Card) Type	Common users, VIP users, patrol users, visitor users, blocklist users, other users, custom users 1 and custom users 2

Capacity

User Capacity	1000
Face Image Capacity	1,000
Fingerprint Capacity	3,000
Card Capacity	3,000
Password Capacity	1,000
Record Capacity	100,000

Port

RS-485	1 port (reuse the Wiegand port)
Wiegand	1 port (reuse the RS-485 port)
USB	1 × USB 2.0 port
Network Port	1 × 10/100 Mbps Ethernet port
Doorbell	1
Exit Button	1
Door Status Detection	1
Lock Control	1
Power Output Port	1 (12 V, 1.0 A)

Alarm

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

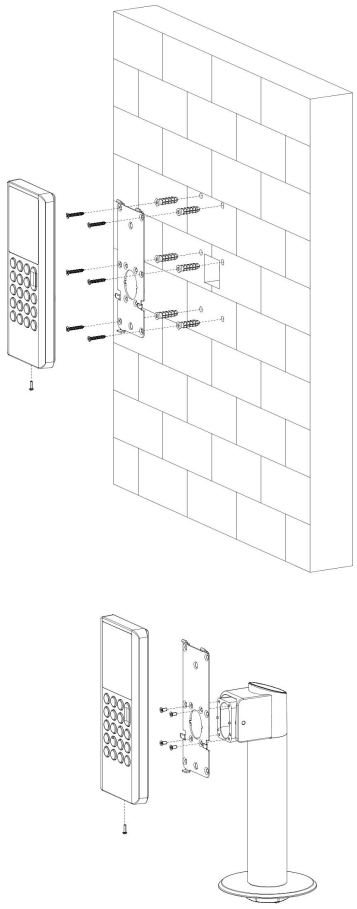
General

Power Adapter	Optional
Power Supply	12 VDC, 2 A
Power Consumption	≤12 W
Product Dimensions	184.9 mm × 76.2 mm × 20.5 mm (7.28" × 3.00" × 0.81") (H × W × D)
Packaging Dimensions	219 mm × 122 mm × 58 mm (8.62" × 4.80" × 2.28") (H × W × D)
Transport Package Dimensions	219 mm × 122 mm × 58 mm (8.62" × 4.80" × 2.28") (H × W × D)
Operating Temperature	–10 °C to +45 °C (+14 °F to +113 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Altitude	0 m–1,300 m (0 ft–4,265.09 ft)
Operating Environment	Indoor
Gross Weight	0.37 kg (0.82 lb)
Accessory	Wall mount bracket (included)
Installation	Wall Mount
Storage Temperature	–20 °C to +70 °C (–4 °F to +158 °F)
Storage Humidity	30%–75%

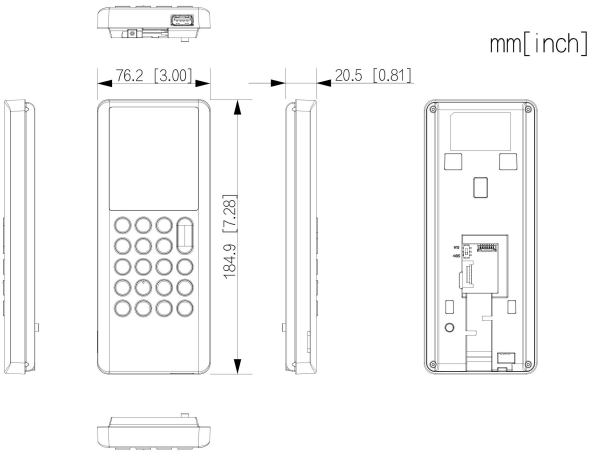
Ordering Information

Type	Model	Description
Face Recognition Access Controller	DHI-ASI3204E-W	Dahua Single Door Face Recognition Access Controller

Installation



Dimensions (mm[inch])



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