DHI-ASI3203E-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 and password. 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 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/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	2.4G
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	

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

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
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

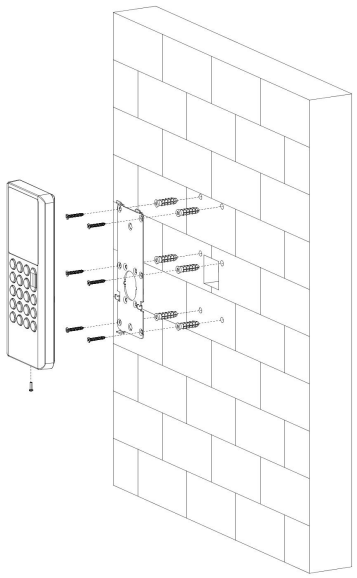
General

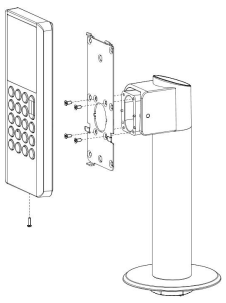
Power Adapter	Optional
Power Supply	12 VDC, 2 A
Power Consumption	≤12 W
Product Dimensions	184.9 mm × 76.2 mm × 20.5 mm (7.28" × 3.00" × 0.81") (H × W × D)
Packaging Dimensions	219 mm × 122 mm × 58 mm (8.62" × 4.80" × 2.28") (H × W × D)
Transport Package Dimensions	219 mm × 122 mm × 58 mm (8.62" × 4.80" × 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

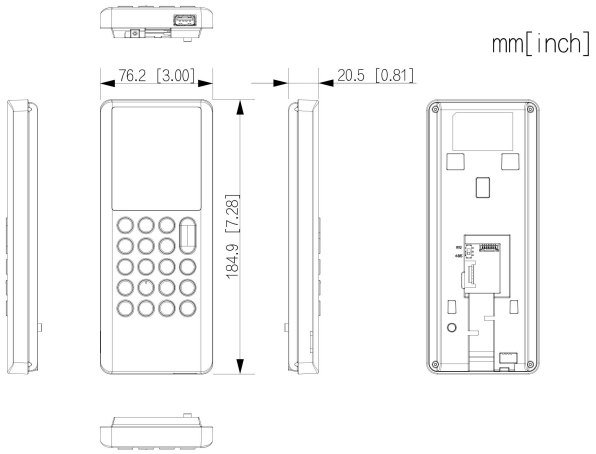
Type	Model	Description
Face Recognition Access Controller	DHI-ASI3203E-W	Dahua Single Door Face Recognition Access Controller

Installation





Dimensions (mm[inch])



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