

# DHI-ASI3203E-W

Dahua Single Door Face Recognition Access Controller



#### **Series Overview**

The Dahua Face Recognition Access Controller is equipped with a highquality 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.

#### **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" display	
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	

- Comes with a 2.4 inch LCD with a resolution of 320 (H) x 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).

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

## Face Recognition Access Controller | DHI-ASI3203E-W

Real-time Monitoring	Yes	
Multi-factor Authentication	Yes	
Capture Function	Yes	
Web Configuration	Yes	
Auto Registration	Yes	
Performance		
IC Card Encryption	Yes	
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	1000	
Card Capacity	3000	
Password Capacity	1000	
Record Capacity	100000	
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	
Illegal Card Exceeding		

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	0.6 kg (1.32 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				
Туре	Model	Description		
Face Recognition Access Controller	DHI-ASI3203E-W	Dahua Single Door Face Recognition Access Controller		

### Dimensions (mm[inch])



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