

# 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.

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)  $\times$  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	$1 \times 10/100$ 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		

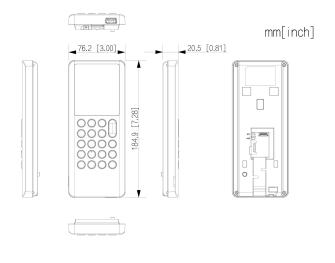
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Power Adapter	Optional		
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Power Supply	12 VDC, 2 A		
Power Consumption	≤12 W		
Product Dimensions	184.9 mm × 76.2 mm × 20.5 mm (7.28" × 3.00" × 0.81") (H × W × D)		
Packaging Dimensions	219 mm × 122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



Rev 002.000