

## Access Reader and Controller

Waterproof Controller



Technical Specification			
System			
Main Processor		High-performance Embedded Processor	
Screen	Туре	LCD	
	Size	2.4-in.	
	Resolution	240 (H) x 320 (V)	
Input/Output Ports			
RS485 Card Reader		One (1) Port	
RS232		One (1) Port	
Wiegand Card Reader		Input: One (1) Channel Output: One (1) Channel	
USB		One (1) USB 2.0 Port	
Alarm		Input: Two (2) Channels (digital quantity) Output: One (1) Channel (relay)	
Doorbell		One (1) Port	
Exit Button		One (1) Port	
Door Status Detection		One (1) Port	
Lock Control		One (1) Port	
Card Reader			
Format		IC Card, NFC Technology	
Range		0 cm to 5.0 cm (0 in. to 1.97 in.)	
Fingerprint Reader			
Sensor		Capacitive Fingerprint Scanner	
Comparison Time		1 s	
Capacity			
Users		30,000	
Fingerprints		3,000	
Cards		30,000	
Password		30,000	
Records		150,000 (unlocked records)	

- TCP/IP and WiFi Communication
- Supports Auto and P2P Registration and DHCP
- Switch Between Reader and Controller Functions
- Supports Various User Credentials Guest, Patrol, VIP, and others
- Touch Keypad and 2.4-in. LCD Display
- Supports 30,000 Users, 30,000 Cards, 30,000 passwords, 3000 Fingerprints, 50 Administrators, and 150,000 Records
- Recognizes a Fingerprint in Less Than One (1) Second
- Supports Card, Password, Fingerprint, and a Combination of Credentials
- Door Time Out, Intrusion, Duress, Tamper, and other Alarms
- IP65 Ingress Protection

## **Functions**

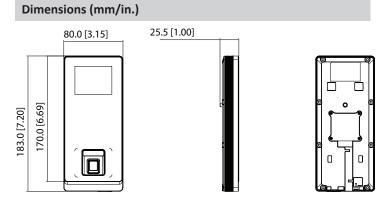
Unlock Mode	Card, Remote, Password, Fingerprint, or a combination of modes		
Alarms	Anti Pass-back, Tamper, Duress, Door Sensor Time Out, Intrusion, Illegal Card, Duress Fingerprint		
Access Control	First User Unlock, Remote Verification, Restricted/Trusted Lists, Multi-user Authentication, Multi-factor Authentication, Auto Registration		
User Management	General, VIP, Guest, Patrol, Block List and others		
Schedule Settings	Period: 128 Groups Holiday: 128 Groups		
Voice Prompt	Supported		
Audible Indicator	Buzzer		
Network			
Ethernet	RJ-45 (100 Mbps)		
Protocol	IPv4, TCP, UDP, P2P		
WiFi	2.4 GHz		
Firmware Updates	Via USB or Online		
Management Software	Smart PSS-AC, DSS Pro, DMSS		
Certifications			
Safety	EN 62368-1:2014+A11:2017		
Electromagnetic Compatibility (EMC)	47 CFR FCC Part 15 subpart B, ANSI C63.4 EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 EN 55024:2010+A1:2015 EN 50130-4:2011+A1:2014 EN 55035:2017+A11:2020 EN IEC 62311:2020 EN 301 489-1 V2.2.3, EN 301 489-17 V3.2.4.		
Wideband Transmission Systems	EN 300 328 V2.2.2		
Short Range Devices (SRD)	EN 300 330 V2.1.1		



## **Technical Specification** Electrical/Environmental 12 VDC, 1 A **Power Supply** Requires a separate 12 VDC power adaptor. **Power Consumption** −30° C to +65° C (−22° F to +149° F), 95% RH **Operating Temperature Operating Humidity** 10% to 95% Relative, non-condensing Ingress Protection IP65 (silicone sealant required) Construction PC + ABS Material Dimensions (H x W x D) 183.0 mm x 80.0 mm x 25.50 mm Product (7.20 in. x 3.15 in. x 1.0 in.) 248.0 mm x 143.0 mm x 66.0 mm **Packaging** (9.76 in. x 5.63 in. x 2.60 in.) Net Weight 0.264 kg (0.58 lb) Gross Weight 0.464 kg (1.02 lb) Installation Surface-mount (bracket included) **Ordering Information** Type Part Number Description Waterproof Access Controller Access Control DHI-ASI2212H-W and Reader, TCP/IP and WiFi Communication

DEE1010B

Video Intercom Extension Module



Accessories, optional