

DHI-ASR2200A-B

Dahua Card Swiping, Bluetooth card Reader



Scene

Suitable for a variety of scenes including office buildings, schools, factories, residential areas, the financial sector, insurance industry, government departments, maritime safety bureaus and CBD business centers.

Technical Specification

Basic

Product Type	Card reader
Buzzer	Yes
Casing Material	Tempered glass/PC

Function

Unlock Mode	Card swiping/Bluetooth
Card Type	IC card
Modulation Type	AM
Frequency Range	13.56 MHz
Max Transmission Power	42 dBuA/m @10 m
Bluetooth	Yes
Standard	BLE4.0 (Bluetooth version)
Frequency Range	2400–2483.5 MHz
Max Transmission Power	≤20 dBm@2400–2483.5 MHz

Performance

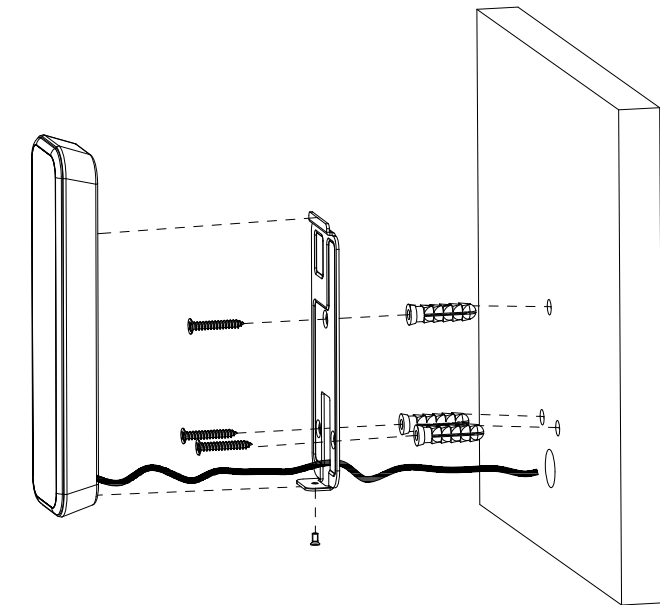
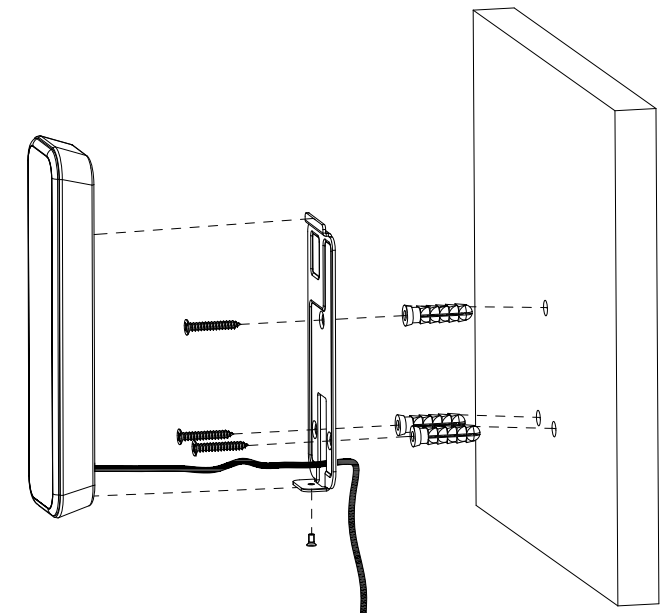
Response Time	0.1 s
Card Reading Distance	0 cm–5 cm (0"–1.97")

- PC material, tempered glass panel and IP66, suitable for indoor and outdoor use.
- Contactless card reading for IC cards (Mifare cards).
- Unlock through card swiping and Bluetooth.
- Communicates through the RS-485 port, Wiegand port, and Bluetooth.
- Prompts using the buzzer and indicator light.
- Supports the anti-tampering alarm.
- The built-in watchdog program can detect and control the abnormal operation status of the equipment and perform recovery processing to ensure the long-term operation of the equipment.
- All the connection ports have overcurrent and overvoltage protection.
- Works with the DMSS mobile client and ASC3202B.

Bluetooth Distance	1.Short-range: ≤0.2 m (0.66 ft). 2.Mid-range: ≤2 m (6.56 ft). 3.Long-range: ≤10 m (32.81 ft). The Bluetooth unlock range might differ depending on models of your phone and the environment.
Port	
RS-485	1
Wiegand	1 output channel
Alarm	
Tamper Alarm	Yes
General	
Power Supply	12 VDC, 0.5 A
Protection	IP66
Power Consumption	Standby ≤0.9 W, working ≤1.7W
Product Dimensions	135 mm × 40 mm × 15 mm (5.31" × 1.57" × 0.59") (H × W × D)
Packaging Dimensions	195 mm × 75 mm × 52 mm (7.68" × 2.95" × 2.05") (H × W × D, 1 in inner carton) 415 mm × 400 mm × 230 mm (16.34" × 15.75" × 9.06") (H × W × D, carton)
Operating Temperature	–30 °C to +70 °C (–22 °F to +158 °F)
Operating Humidity	5%–95% (RH), non-condensing
Operating Environment	Outdoor
Gross Weight	0.16 kg (0.35 lb)
Installation	Surface Mount
Certifications	CE; FCC

Ordering Information		
Type	Model	Description
Access Reader	DHI-ASR2200A-B	Dahua Card Swiping, Bluetooth card Reader

Installation



Dimensions (mm[inch])

