

# DHI-ASR2102A DHI-ASR2102A-D

## Access Reader



- PC material, acrylic panel and IP65, suitable for indoor and outdoor use
- Support contactless recognition of IC card (Mifare card)/ID card
- Support card/fingerprint unlock
- Support RS-485 communication protocol
- Support buzzer and indicator prompt
- Support anti-tampering alarm
- The built-in watchdog 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 connection ports have overcurrent and overvoltage protection

### Series Overview

As a key part of the access control system, the DHI-ASR2102A access control card reader supports card and fingerprint unlock, and sends the information to the access controller for verification. With a thin and elegant design, it is applicable to industrial zones, office buildings, schools, factories, stadiums, CBD, residential area, government properties, etc.

### Technical Specification

#### Basic

Product Type	Fingerprint Card Reader
Buzzer	Yes
Casing	PC/acrylic panel

#### Function

Unlock Mode	Card swiping/fingerprint Multiple unlocking modes
Card Type	IC card/ID card

#### Performance

Response Time	0.1 s
Card Reading Distance	0 cm–5 cm (0"–1.97")
Fingerprint Sensor Type	Capacitive fingerprint sensor
Fingerprint Verification Mode	1:N
Fingerprint Recognition Time	1.5 s

#### Capacity

Fingerprint Capacity	3000
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#### Port

RS-485	1 channel
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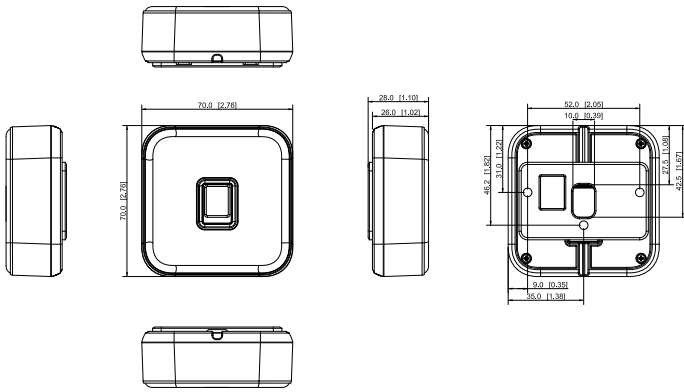
#### Alarm

Tamper Alarm	Yes
General	
Power Supply	12V 0.5A DC
Protection	IP65 (silicon sealant is needed, see the manual)
Power Consumption	Standby ≤ 1.0W, working ≤ 1.7W
Product Dimensions	70 mm × 70 mm × 26 mm (2.76" × 2.76" × 1.02") (L × W × H)
Packaging Dimensions	110 mm × 97 mm × 90 mm (4.33" × 3.82" × 3.54") (L × W × H, 1 in inner carton) 578 mm × 313 mm × 204 mm (22.76" × 12.32" × 8.03") (L × W × H, carton)
Operating Temperature	–20°C to +65°C (–4°F to +149°F)
Operating Humidity	5%RH–95% (non-condensing)
Operating Environment	Indoor; outdoor
Gross Weight	0.17 kg (0.37 lb)
Installation	Surface mount
Certifications	CE; FCC

**Ordering Information**

Type	Model	Description
Access Reader	DHI-ASR2102A DHI-ASR2102A-D	DHI-ASR2102A Outdoor Waterproof IC/ID Card and Fingerprint Reader

**Dimensions (mm[inch])**



**Application**

