DHI-ASR2102A-D

Access Reader



- PC material, acrylic panel and IP65, suitable for indoor and outdoor use
- Support contactless recognition of 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-D 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	ID card

Performance

Response Time	0.1 s
Card Reading Distance	0 cm–3 cm (0"–1.18")
Fingerprint Sensor Type	Capacitive fingerprint sensor
Fingerprint Verification Mode	1:N
Fingerprint Recognition Time	1.5 s

Capacity

Fingerprint Capacity	3000

Port

RS-485	1 channel

Alarm

Tamper Alarm	Yes

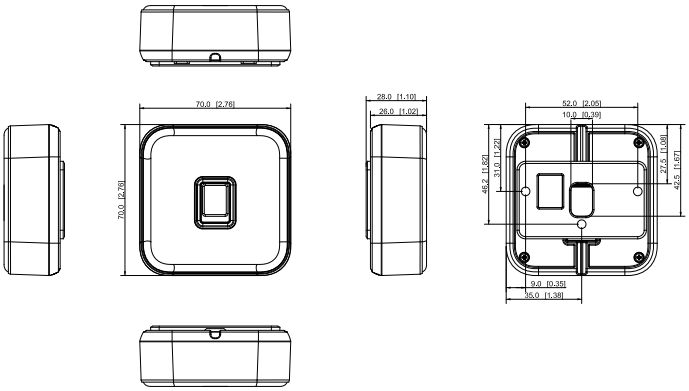
General

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

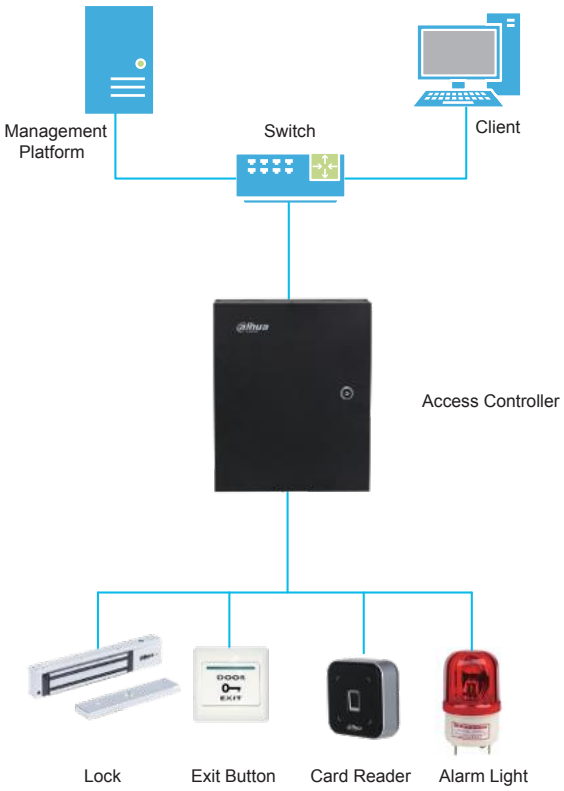
Ordering Information

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

Dimensions (mm[inch])



Application



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