DHI-ASR2101A

Access Reader

- PC material, acrylic panel and IP66, suitable for indoor and outdoor use.
- Support contactless recognition of IC card (Mifare card) .
- Support card/password unlock.
- Support communication through RS-485 and Wiegand 34 (Wiegand 26 can be configured).
- Support buzzer and indicator prompt.
- Support anti-tampering alarm.
- The built-in watchdog can detect and control 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-ASR2101A access control card reader supports card and password 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	Card reader
Buzzer	Yes
Casing	PC/acrylic panel

Function

Unlock Mode	Card swiping/password Multiple unlocking modes
Card Type	IC card
Modulation Type	AM
Frequency Range	13.56 MHz
Max Transmission Power	42 dBuA/m @10 m

Performance

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

Port

RS-485	1 channel
Wiegand	1 output channel

Alarm

Tamper Alarm	Yes

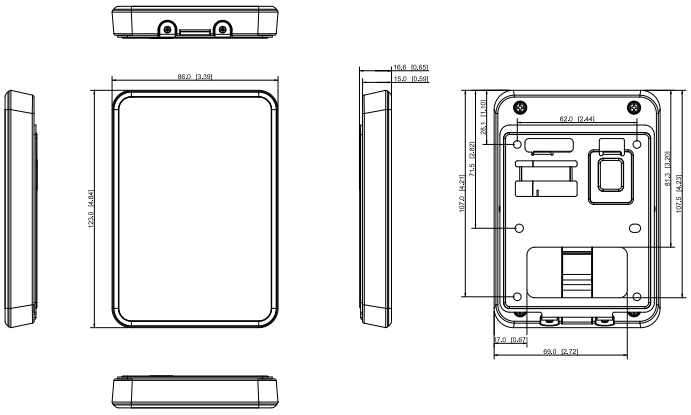
General

Power Supply	12V 0.5A DC
Protection	IP66 (silicon sealant is needed, see the manual)
Power Consumption	Standby ≤ 0.9W, working ≤1.7W
Product Dimensions	123 mm × 86 mm × 15 mm (4.84" × 3.38" × 0.59") (L × W × H)
Packaging Dimensions	185 mm × 163 mm × 71 mm (7.28" × 6.41 × 2.80") (L × W × H, 1 in inner carton) 578 mm × 383 mm × 349 mm (22.76" × 15.08" × 13.74") (L × W × H, carton)
Operating Temperature	–30°C to +70°C (–22°F to +158°F)
Operating Humidity	5%RH–95% (non-condensing)
Operating Environment	Indoor; outdoor
Gross Weight	0.35 kg (0.77 lb)
Installation	Surface mount
Certifications	CE; FCC

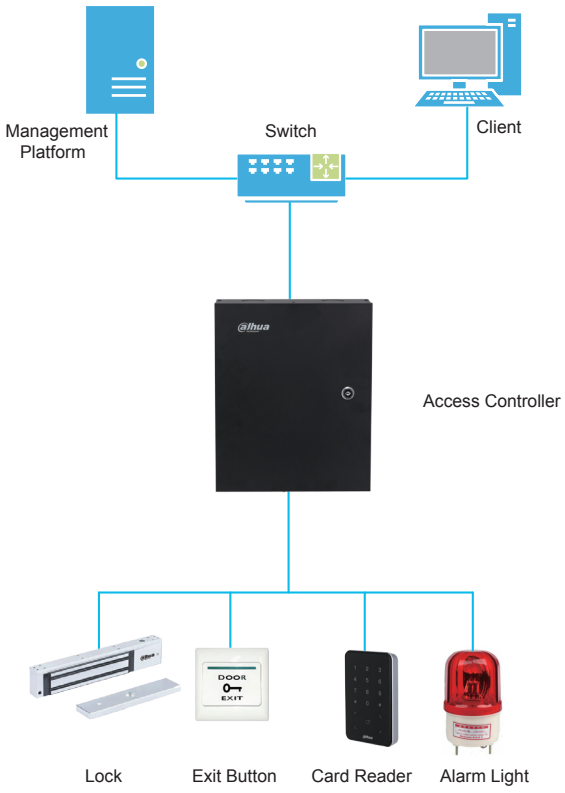
Ordering Information

Type	Model	Description
Access Reader	DHI-ASR2101A	DHI-ASR2101A Outdoor Waterproof Password IC Card Reader

Dimensions (mm[inch])



Application



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