DHI-ASR1102A(V3)

DHI-ASR1102A(V3) Indoor Fingerprint IC Card Reader



Series Overview

As a key part of the access control system, the access reader supports card unlock, and sends information to the access controller to verify the identity of people and control access to an area. It is suitable for a variety of scenarios such as industrial zones, office buildings, schools, factories, stadiums, CBD, residential areas, and government agencies.

Technical Specification

Basic

Product Type	Card reader
Buzzer	Yes

Function

Unlock Mode	Card; fingerprint
Card Type	IC card

Performance

Response Time	0.1 s
Card Reading Distance	0 cm–5 cm (0"–1.97")
Fingerprint Sensor Type	Optical fingerprint
Fingerprint Capacity	3000
Fingerprint Verification Mode	1:N
Fingerprint recognition time	1.5s

Port

RS-485	Yes
Wiegand	Yes

Alarm

Tamper Alarm	Yes

- Blue backlight for better user experience.
- 4 identity verification modes: Card, fingerprint, card or fingerprint, and a combination of card and password.
- Contactless card reading. Supports reading Mifare cards (IC card).
- Works at a frequency of 13.56 MHz.
- 360° fingerprint recognition.
- 1:N fingerprint matching.
- Fingerprint capacity: 3,000.
- Fingerprint recognition response time≤ 0.5 s.
- Fingerprint recognition time≤ 1.5 s.
- Fingerprint acceptance rate (FAR)≤ 0.00004% and false rejection rate (FRR)≤ 0.15%.
- RS-485 communication.
- Provides online updates.
- Built-in dongle software ensures long-term operation of the device.
- Tamper alarm.
- Overcurrent and overvoltage protection for all interfaces.
- Operating temperature is –10 °C to +55 °C, and the operating humidity is less than 95%.

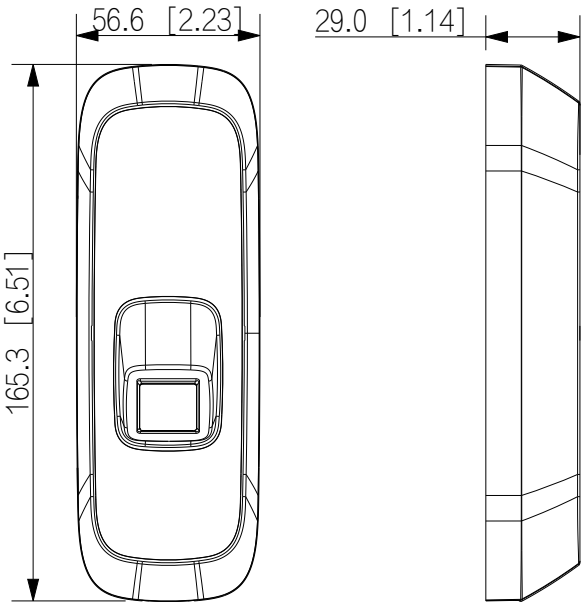
General

Power Supply	9–15 VDC, 100 mA
Power Consumption	≤ 0.9 W (standby), ≤ 1 W (working)
Product Dimensions	165.5 mm × 56.6 mm × 29 mm (6.52" × 2.23" × 1.14") (L × W × H)
Packaging Dimensions	192 mm × 130 mm × 56 mm (7.56" × 5.12" × 2.2") (L × W × H)
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	0%–95% (RH), non-condensing
Operating Environment	Indoor
Net Weight	0.25 kg (0.55 lb)
Gross Weight	0.28 kg (0.62 lb)
Installation	Surface mount
Certifications	CE; FCC

Ordering Information

Type	Model	Description
Access Reader	DHI-ASR1102A(V3)	DHI-ASR1102A(V3) Indoor Fingerprint IC Card Reader

Dimensions (mm[inch])



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