

RFID Fingerprint Reader (V3)

13.56 MHz Reader



- Store numerous fingerprints for added security up to 3,000 fingerprints
- Watchdog function prevents any issues with hardware or software ensures device is free from halting
- Beep and indicator alerts user when device is ready
- Surface mounted installation ensures convenience and ease of use
- UL Approved connection helps prevent security issues
- Quick and accurate fingerprint scanning

System Overview

As a key part of the access control system, the DHI-ASR1102A-V3 supports card and fingerprint unlock and sends the information to the access controller for verification. With a slim mullion design, it is suited for a variety of applications.

Technical Specification

System

Main Processor	8-Bit
Unlock Mode	IC Card, Fingerprint, Combination
Audible Indicator	Buzzer, Tamper Alarm

Card Reader

Format	13.56 MHz MIFARE
Range	0 cm to 5.0 cm (0 in. to 1.97 in.)
Response Time	0.1 s

Fingerprint Reader

Sensor	Optical
Capacity	3,000
Response Time	1.0 s
Recognition Time	1.5 s
Verification Mode	1:N

Interface

Controller Comptability	One (1) RS-485 Channel
-------------------------	------------------------

Certifications

Electromagnetic Comptability (EMC)	CFR 47 FCC Part 15 subpart B ANSI C63.4-2014
------------------------------------	---

Electrical

Power Supply	9 VDC to 15 VDC, 100mA
Power Consumption	≤ 0.9 W (Standby), ≤ 1 W (Working)

Environmental

Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	0%–95% (RH), non-condensing

Construction

Casing	PC, Acrylic Panel
Product Dimensions (L x W x H)	165.5 mm x 56.6 mm x 29 mm (6.52 in. x 2.23 in. x 1.14 in.)
Packaging Dimensions (L x W x H)	192 mm x 130 mm x 56 mm (7.56 in. x 5.12 in. x 2.2 in.)
Net Weight	0.25 kg (0.55 lb)
Gross Weight	0.35 kg (0.77 lb)
Installation Method	Surface Mount

Accessory - IC Card

Model Number	IC-S50
Standard	MIFARE S50, 13.56 MHz
Comptability	ISO/IEC 14443A
Range	Approximately 10.0 cm (3.94 in.)
Dimensions	86.0 mm x 54.0 mm x 0.80 mm (3.39 in. x 2.13 in. x 0.03 in.)
Weight	0.006 kg (0.013 lb)
Manufacturer/Brand	Dahua

Accessory - IC Key Fob

Model Number	IC-S50
Standard	MIFARE S50, 13.56 MHz
Comptability	ISO/IEC 14443A
Range	Approximately 10.0 cm (3.94 in.)
Manufacturer/Brand	Dahua

Dimens

