

RFID Reader

Vandal-proof 13.56 MHz Contactless Reader



- Supports card and password unlock
- Standard design for various applications
- RS485 and Wiegand 34 protocol
- Full metal buttons with blue backlight
- Red and green LED indicators
- Watchdog function
- Surface mountable
- IK08 anti-vandalism
- 12V DC
- Mifare cards at 13.56MHz
- Sends information to access controller for verification



System Overview

As a key part of the access control system, the DHI-ASR1101M-V1 supports card and password unlock and sends the information to the access controller for verification. With a standard design, it is suitable for a variety of applications.

Technical Specification

System	
Main Processor	32-Bit
Unlock Mode	IC Card, Password, Combination
Visual Indicator	LED Indicator Light (Blue/Red/Green)
Audible Indicator	Buzzer, Tamper Alarm
Reader	
Format	13.56 MHz MIFARE
Range	0.0 cm to 3.0 cm (0 in. to 1.18 in.)
Response Time	0.1 s
Keypad	Metal Button Keypad 12 Keys (1 to 9, *, #), Key 5 has Braille Markings
Interface	
Controller Comptability	One (1) RS-485 Channel One (1) Wiegand Channel
Certifications	
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2001+A2:2013 UL 60950-1 CAN/CSA C22.2 No. 60950-1-07
Electromagnetic Compatibility (EMC)	FCC CFR 47 Part 15 subpart B EN 55032:2015 EN 55024:2010+A1:2015 EN 50130-4:2011+A1:2014 EN 6100-3-2:2014, EN 6100-3-3:2013
Environmental	
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	0%–95% (RH), non-condensing
Protection	IK08

Construction

Casing	Zinc Alloy
Product Dimensions (L × W × H)	110 mm × 85 mm × 26 mm (4.33 in. × 3.35 in. × 1.02 in.)
Packaging Dimensions (L × W × H)	153 mm × 144 mm × 77 mm (6.02 in. × 5.67 in. × 3.03 in.)
Net Weight	0.48 kg (1.06 lb)
Gross Weight	0.56 kg (1.23 lb)
Installation Method	Surface mount; 86 case 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 × 54.0 mm × 0.80 mm (3.39 in. × 2.13 in. × 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

Dimensions

