

# RFID Reader

## 13.56 MHz Contactless Reader



- Wiegand and RS485 Protocols
- Default IC (MIFARE) Card
- Waterproof Design
- Built-in Relay to Lock Door
- Watch Dog Function for Tamper Detection
- Audible and Visual Indicators
- IP67 Ingress Protection
- Surface-mount Installation

### Technical Specification

#### System

Main Processor	8-bit
LCD Display	Blue Backlight
Audible Indicator	Buzzer

#### Reader

Format	13.56 MHz MIFARE
Distance	6.0 cm to 8.0 cm (2.36 in. to 3.15 in.), maximum
Response Time	< 0.1 s

#### Interface

To Controller	Wiegand or RS485
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#### 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

#### Electrical/Environmental

Power Supply	9 VDC to 15 VDC, 100 mA
Operating Temperature	-30° C to +60° C (-22° F to +140° F)
Ingress Protection	IP67, water-resistant

#### Construction

Color	Black
Dimensions	72.0 mm x 102.0 mm x 18.0 mm (2.83 in. x 4.02 in. x 0.71 in.)
Net Weight	0.20 kg (0.44 lb)

### Accessory - IC Card

Model Number	MF11CS50
Standard	MIFARE S50, 13.56 MHz
Compatibility	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

### Dimensions (mm/in.)

