

# RFID Reader

## 13.56 MHz Contactless Reader



- Wiegand 26/34 and RS485 Protocols
- MIFARE 13.56 MHz Card
- Watch Dog Function for Tamper Detection
- Sensitive Touch Keypad with Blue Backlight
- Audible and Visual Indicators
- 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 cm to 8 cm (2.36 in. to 3.15 in.), maximum
Response Time	< 0.1 s
Keypad	Sensitive Touch Keypad 12 Keys (1 to 9, *, #)

#### Interface

To Controller	Wiegand 26/34 RS485
---------------	------------------------

#### 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)
Operating Humidity	≤ 95%

#### Construction

Color	Black
Dimensions	135.70 mm x 86.80 mm x 12.70 mm (5.34 in. x 3.42 in. x 0.50 in.)
Net Weight	0.25 kg (0.55 lb)

### Accessory - IC Card

Model Number	IC-S50
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

### Accessory - IC Key Fob

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

### Dimensions (mm/in.)

