

RFID Reader

Vandal-proof 13.56 MHz Contactless Reader



- Wiegand 34 or RS485 Protocol
- MIFARE 13.56 MHz Card
- Watch Dog Function for Tamper Detection
- Metal Keypad Buttons with Blue Backlight
- Audible and Visual Indicators
- Surface-mount Installation



Technical Specification

System	
Main Processor	8-bit
LCD Display	Red and Green LED Indicators, 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
Keypad	Metal Button Keypad 12 Keys (1 to 9, *, #), Key 5 has Braille Markings
Interface	
To Controller	Wiegand 34 or 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%
Vandal Resistance	IK08

Construction

Color	Black
Dimensions	110.10 mm x 85.20 mm x 26.0 mm (4.33 in. x 3.35 in. x 1.02 in.)
Net Weight	0.50 kg (1.10 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.)

