

RFID Reader

13.56 MHz MIFARE Waterproof Reader



- Wiegand 34 and RS485 Protocols
- MIFARE 13.56 MHz
- Water-proof Design
- Watch Dog Functionality to Detect Tampering
- IP65 Ingress Protection
- Surface-or Flush-mounted Installation



Technical Specification

System

Main Processor	8-bit
Visual Indicator	LED
Audible Indicator	Buzzer

Reader

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

Interface

Controller Compatibility	RS485 Wiegand 34 (default)
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Certifications

Safety	EN 60950:2006+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	5 VDC to 16 VDC, 100 mA, 300 mA, 800 mA
Operating Temperature	-30° C to +60° C (-22° F to +140° F), ≤ 95% RH
Ingress Protection	IP65

Construction

Color	Black
Dimensions	135.0 mm x 47.50 mm x 16.0 mm (5.31 in. x 1.87 in. x 0.63 in.)
Net Weight	0.18 kg (0.404 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.)

