



Product ID: IPexRFID

Category: IP Controller and Accessories

Device for the control of access and assistance. Mifare/ISO/IEC 14443A Card Reader and NFC. Comes with an output for low consumption lock control.

TECHNICAL SPECIFICATIONS

CPU	MIPS microcontroller 32bits@64MHz with 256Kb Flash, 64Kb RAM
Memory	Dataflash of 4Mb for configuration data storage (3Mb available to the user). EEPROM Memory of 32Kb for configuration data
Real time clock	External with a battery
Indicadores LEDs	3 status LEDs (Ethernet)
Watchdog timer (WDT)	Internal Watchdog available
Device configuration	Basic configuration available by use of the embedded web server

I/O AND COMMUNICATIONS PORTS

I/O	2 potential free digital inputs. 1 digital output for control of the low consumption locks 12V, 250mA max
Additional I/O	Possibility of connecting up to 16 slave terminals to one master terminal through the RS-485 port
Communications ports	1 RS-485 port. (Maximum distance for the data bus – 100 metres) Ethernet connection 10/100Mbps. (Only in PoE model)
Protection of the I/O	The I/O are protected against incorrect wiring with the following restrictions: Max. voltage in I/O 20Vdc.

SUPPLY CIRCUIT

Supply voltage	The master supply is through PoE, slaves are 12 V (RS485). The master has the possibility of supplying a slave terminal with a digital output
Consumption	In Sleep mode 32.5mA (IP PoE) / 58.5mA (RS485) Opening of the door 102mA (IP POE) 225mA (RS485)

ENVIRONMENTAL CONDITIONS

Working temperature	-25° ~ 60°C
Humidity	5% ~ 95% (without condensation)

INFORMATION ABOUT ORDERS

Minimum order	1
Order reference	IPexRFID

CONSTRUCTION FEATURES

Dimensions	96x71x39mm (W/H/D)
Box material	ABS Plastic
Installation type	Box for superficial installation or universal boxes with mechanisms foreembedding

Degree of protection	IP20
Weight	IPexRFID slave without enclosure 28g IPexRFID master without enclosure 38g IPexRFID enclosure 125g

CERTIFICATES AND DECLARATIONS

Rules	EN 61000-6-2:2019 EN 61000-6-3:2007 + A1:2011
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This product is compatible with the RoHS (2011/65/UE)