



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 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	160x90x58mm (W/H/D)
Box material	Plastic
Installation type	Box for superficial installation or universal boxes with mechanisms foreembedding
Degree of protection	IP20

CERTIFICATES AND DECLARATIONS

Rules	EN 61000-6-2:2019 EN 61000-6-3:2007 + A1:2011
--------------	--



This product is compatible with the RoHS (2011/65/UE)