IPEXRFID

PRODUCT ID: IPexRFID

CATEGORY: IP Controller and Accessories

Device for the control of access and asistance. 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.
Memoria	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
LED indicators	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	-25º ~ 60ºC.

CONSTRUCTION FEATURES	
Dimensions	160x90x58mm (W/H/D).
Box material	Plastic
Installation type	Box for superficial installation or universal boxes with mecanisms for embedding.

Odin Solutions, S.L
Calle Palma de Mallorca 2 | 30009 – Murcia (España)
+34 902 570 121 | info@odins.es

Humidity	5% ~ 95% (without condensation)
Degree of protection	IP20
INFORMATION ABOUT ORDERS	
Minimum order	1
Order reference	IPexRFID

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