



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

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|-----------------------------|---|
| 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

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|------------------------------|--|
| 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

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| 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

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

INFORMATION ABOUT ORDERS

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|------------------------|----------|
| Minimum order | 1 |
| Order reference | IPexRFID |

CONSTRUCTION FEATURES

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

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| Degree of protection | IP20 |
|-----------------------------|------|

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| Weight | IPexRFID slave without enclosure 28g IPexRFID master without enclosure 38g IPexRFID enclosure 125g |
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CERTIFICATES AND DECLARATIONS

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|--------------|--|
| 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)