

RFID/10 READERS

Three readers, multiple
identification technologies



RFID/10 is a family of RS485 readers featuring multiple technologies to identify users. Ideal solution for Access Control or Time & Attendance system.

SAFETY AND DESIGN, IN THREE VERSIONS

RFID/10 family includes readers in 3 different versions. Each version is available in 2 colours (white or black) and can be equipped with an optional QR optical reader. All versions feature a buzzer, 4-digit display and multicolour backlight, making user interaction very easy and effective.

Base Version

This reader can read and write RFID cards with different technologies (reading distance varies from 30 to 150 mm depending on the RFID technology). Bluetooth Low Energy (BLE) technology is also available, allowing the use of the smartphone as a badge via our free app. The reader connects with a reliable RS485 line to its controller with a secure protocol. This version is the perfect choice for access control, making user identification easy and intuitive.

One-Button Version

This version adds a button to all the features of the Base version. It can be used, for example, to switch the transaction direction between Entry and Exit making this version ideal for Time & Attendance systems.

Keyboard version

This version adds a numeric keypad to the features of the basic version. Users can therefore enter PIN codes to identify themselves adding more flexibility.

Installation is quick and easy: RFID/10 can be installed directly on the wall with passing holes or using a bracket for a circular wall box. 3 m cable, with 4 wires is included. Communication is based on RS485 with SPP protocol. The RFID/10 Reader is designed to fit into any environment, thanks to its compact size and ability to operate in a temperature range from -25 to +50 degrees C.

TECHNICAL SPECIFICATIONS

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| RFID TECHNOLOGIES | <ul style="list-style-type: none"> • 14443A, Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3 • Reading distance from 30 to 150 mm depending on the ID technology used |
| BLE | <ul style="list-style-type: none"> • Yes - Allows identification via smartphone (requires our free APP) • Reading distance up to 10 m |
| INTEGRATED QR OPTICAL READER | Available as an option on all versions |
| USER INTERFACE | <ul style="list-style-type: none"> • 4-digit 7 segment display for time and simple messages • buzzer for acoustic signals • multicolour led with light diffusion all around the reader |
| VERSIONS | <ul style="list-style-type: none"> • Version without keys, with 1 key (entry/exit) and with numeric keypad • White or black • With or without optical QR reader |
| INSTALLATION | Directly on wall with passing holes. Or bracket to be fixed on circular box |
| CABLE | 3 meters 4 wires cable included |
| DATA INTERFACE | <ul style="list-style-type: none"> • RS485 with proprietary SPP slave protocol. It can be connected to terminals and controllers as an additional reader. In XAtlas systems it can be connected to the master RS485 port of the FMs or XPoints • TTL serial • Wiegand |
| SIZE | 80 x 80 x 23 mm (HxWxD) |
| OPERATING TEMPERATURE | From -25 to + 50 C. Can be installed outdoor, but not fully exposed to the weather (environmental class III, EN50131-1). |