

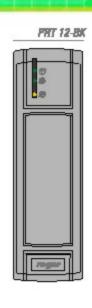


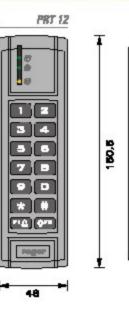






PRITTED BY Grey









FEATURES

- UNIQUE (EM4100/4102) tags
- up to 12cm reading range
- TAMPER output
- general outdoor environment.
- CE mark

ONLINE Mode

- Wiegand 26/34/42/66 bit interface
- Magstripe (ABA Track II emulation) interface
- RAC5 (Roger) interface
- LED/Buzzer control input

OFFLINE Mode

- 120 cards and PINs
- user indexing
- Card, PIN or Card+PIN identification
- Door Contact and Exit Button inputs
- Alarm and Door Bell outputs
- integration with Intruder Alarm System through I/Os
- Entry/Exit control (requires second PRT series reader)
- utilizes built-in or remote (on XM-2 expander) VOs
- manual programming



The PRT12 reader has been designed for operation in access control systems to allow user identification by means of UNIQUE standard proximity cards and/or PIN codes. The reader can be configured for operation in standalone installation (OFFLINE mode) or for use with an external access control unit (ACU) that supports a compatible data interface formats (ONLINE mode). When reader operates in ONLINE mode, the device functions as a slave unit serving a sole purpose of reading a card and/or entering a PIN code and subsequent transmission of such collected data to a master unit (access controller) for further processing.

The PRT12 terminal offers several data transmission formats which include the popular Wiegand and Magstripe data protocols. When configured for standalone operation (OFFLINE mode), the device will autonomously control the door access point. For this mode, the terminal offers two installation options - one of them uses the reader's built-in I/O signal lines as standard general purpose inputs and outputs, the other uses them for communication with an external XM-2 I/O module and a second (optional) PRT series reader. An access control installation containing two PRT readers allows two-way passage control, while adding an XM-2 module improves overall level of security for door control system by separating its logical element (reader) from the actuator element (relay) controlling the door lock. The PRT12 can be installed in outdoor locations it offers IP65 protection degree.

Note: The product descriptions in this document refer to device's firmwere version 71.0 or higher.

| Operating voltage range | 1016 VDC |
|---|--|
| Current consumption | ang. 60mA |
| Temper | an open collector translator output, 20mA max. sink current |
| Reading range | up to 12 cm for ISO type cards (depends on card quality) |
| Cornés | LINIQUE type, EM4100/4102 competible |
| Communication standard (CNLINE mode) | Wiegand 26/34/42/54bit, Magatripe or RACS (Roger) |
| Cable distance between controller and terminal | 150 m (500 ft) |
| Communication lines | Clock and Data or Data D and Data 1 depending on selected interfece, 50mA map. sink current |
| Environmental dess | Class IV - Outdoor General, temp25°C+60°C |
| ingress protection | IPES |
| Dimensions | 46 X 150.5 X 23 mm |
| Walght | ~ 150g |
| ROSSING BIFORMATION | |
| PRT12 | RED/FIN reader, black casing |
| PRT12-SK | RFID reader, black cealing |
| PRT12 Grey | RFID/PN reader, light grey coding |
| PRT12-BK Gray | RFID reader, light grey coding |

All contest, specifications and armitality subject to change without prior section.