



PR312 access controllers may operate as standalone access control units or in integrated access control system with CPR network controllers. In standalone mode PR312 autonomously supervise two-way door passage and do not need to communicate with PC nor any

other equipment, events are registered in their internal buffer and time related functions are managed by built-in real-time clock. Access control system based on PR312 controllers can be managed locally through COM/USB serial port or remotely by computer network WAN/LAN.

**Features:**

- power supply 12 VDC
- average current consumption 70 mA (50 mA for version without keypad)
- built-in EM 125 kHz reader (PR312EM)
- built-in 13.56 MHz MIFARE® reader (PR312MF)
- reading distance up to 15 cm
- connection of one external reader (two way door control)
- support for PRT proximity readers (Roger)
- support for RFT1000 fingerprint reader (Roger)
- three programmable NO/NC inputs
- two programmable 1 A transistor outputs
- one programmable 1.5 A/30 V relay output
- RS485 communication bus
- free topology of communication bus (star or tree topology allowed)
- 4000 users
- 99 time schedules
- 250 user groups
- built-in 32 000 event buffer
- local APB
- global APB (requires CPR network controllers in the system)
- global Alarm Zones (requires CPR network controllers in the system)
- operation with XM-2 I/O extension module
- 32 floor lift control (requires XM-8 I/O extension module)
- integration with burglary system through I/Os
- building automation through I/Os
- door operating modes: Normal, Locked, Unlocked, Conditional Unlocked
- user identification: Card or PIN, Card and PIN, Card only, PIN only
- advanced access options: Two Persons, High Security and others
- quick user editing (less than 5 seconds per each controller in system)
- management through Ethernet (LAN/WAN), USB or COM
- system can be divided into separate branches (networks, subsystems)
- multiple networks doesn't increase system programming time
- tamper
- environmental conditions of operation:
  - temperature from -25°C to +60°C
  - humidity from 10% to 95%
- dimensions with standard enclosure base: 152.5 x 46.0 x 23.0 mm (height x width x depth)
- dimensions with extended enclosure base: 152.05 x 46.0 x 35.0 mm (height x width x depth)
- weight: ≈150.0 g
- CE mark

Ordering guide	
Item	Description
<b>PR312EM</b>	Outdoor access controller with built-in EM 125 kHz proximity reader and keypad
<b>PR312MF</b>	Outdoor access controller with built-in 13.56 MHz MIFARE proximity reader and keypad
<b>PR312EM-BK</b>	Outdoor access controller with built-in EM 125 kHz proximity reader
<b>PR312MF-BK</b>	Outdoor access controller with built-in 13.56 MHz MIFARE proximity reader

**Legal Notice**

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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