


FEATURES

- autonomic or networked operation
- built-in proximity reader
- UNIQUE (EM4100/4102) cards
- Card, PIN or Card+PIN identification
- 1 000 card users
- 250 access groups (*)
- 32 time schedules (*)
- 128 periods per schedule (*)
- events recording (*)
- Entry/Exit control (requires second PRT series reader)
- three programmable NO/NC inputs
- one relay output and two transistors outputs
- external I/O module (XM-2) support
- support for door contact, exit button and alarming device
- rearming output for integration with Intruder Alarm System
- programmed manually or from PC
- RS485 communication interface
- Windows 95/98/NT/2K/Me/XP software
- ABS casing with TAMPER
- indoor and outdoor operation
- CE mark

(*) – available in networked mode only


GENERAL DESCRIPTION

The **PR311** controller is dedicated for use in standalone or networked access control systems, it offer entry or entry/exit access control for one door. The double side door control requires an additional reader (PRT series unit) to be connected to PR311 controller. When operating in autonomic mode controller doesn't offer events recording nor access schedules definitions. Both features are available in networked mode when controller operates under control of CPR control panel or PC computer. The users registered in controller can be identified by cards, PINs or both methods simultaneously (option: Card + PIN). The PR311 offers three inputs and three outputs, both can be configured by installer. Optionally PR311 may operate with external I/O extension module (XM-2). The use of XM-2 module enables separation between logic unit (controller) and actuator elements (relays and sensors) which control door, as the result the overall security level of access control is increased significantly. The PR311 enables simple integration method with an alarm system through Arming output and Alarm System Ready status input. The Arming output can be controlled by time schedule or manually by dedicated group of users, the actual condition of Arming output is presented on bi-color light.

The PR311 can be completely programmed from keypad or by means of programming cards (PR311-BK). Alternatively both versions can be programmed remotely from PC. The connection to PC requires special programming interface UT-2 or UT-4.

Note: The product descriptions in this document refer to device's firmware version 80.0 or higher.

TECHNICAL SPECIFICATION

Operating voltage range	10...16 VDC
Current consumption	avg. 80mA
Tamper	normally closed contact, 30V/50mA rated
Reading range	up to 12 cm for ISO type cards (depends on card quality)
Cards	UNIQUE type, EM4100/4102 compatible
Communication standard	RS485 - "Christmas tree" bus topology allowed, terminating resistors not required
Communication distance to secondary slave reader or other extension modules	150 m (500 ft)
Communication distance on main communication bus (RS485)	1200 m (4000 ft)
Input lines	three inputs, NO/NC type
Output lines	two transistor outputs 1A rating and one relay NO/NC contacts output
Environmental class	Class IV – Outdoor General, temp. -25°C...+60°C
Ingress protection	IP65
Dimensions	46 X 150.5 X 23 mm
Weight	~ 180g

ORDERING INFORMATION

PR311	Controller with built-in RFID/PIN reader, black casing
PR311-BK	Controller with built-in RFID reader, black casing
PR311 Grey	Controller with built-in RFID/PIN reader, light grey casing
PR311-BK Grey	Controller with built-in RFID reader, light grey casing
UT-2	RS232/RS485 communication interface
UT-3	RS232/RS422 communication interface. The communication link created from 2 pcs of UT-3 extends communication distance between two serial devices by 1200m
UT-4	TCP to serial communication interface. Enables communication with controller or other serial devices through computer network

All content, specifications and availability subject to change without prior notice.



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