

S610 Exit Reader

Multi-technology Intelligent IP Reader





Features that make a difference:

- Intelligent IP card reader designed for use as part of the CEM AC2000 access control software range
- Contactless card presentation with optional Personnel Identification Number (PIN) for two stage authentication
- Integral reading support for 125 kHz HID Proximity, 13.56 MHz smartcard technology including DESFire, Mifare, HID iClass, and PicoPass, as well as a multi technology version to support Proximity and Mifare
- Communicates directly with the master reader
- Large graphical LCD which is used to display a number of predefined messages
- Four Analog inputs to monitor door or alarm conditions
- Two changeover relay outputs to activate door strike or other equipment
- Remote programming facility to download updated firmware
- Easy to install
- Weatherproof casing: IP66 rated
- Available in two colours, grey and black

The S610 Exit Card Reader is designed for use as part of an integrated on-line access control system. The Exit Reader is an extension to the master reader, providing a combined total of features at the point of entry.

The IP66 rated polycarbonate enclosure houses the reader electronics and comes with a large 4x3″ keypad, graphical display screen and three LED indicators.

The S610 Exit reader provides an additional four analogue inputs, which can be used to monitor door and alarm conditions for transmission to the host server. All four inputs are four state (tamper detect) capable. Two outputs are also fitted to control the activation of door locks or other equipment.

Host Communications

The S610 Exit Reader has an on-board RS485 connection allowing it to communicate directly with the master reader, removing the need for an intelligent control panel in the system design.

Onboard Card Reading Technologies

Designed for use with all card technologies the S610 Exit Reader device is available with integral reading support for 125 kHz HID Proximity, 13.56 MHz smartcard technology including DESFire, Mifare, HID iClass, and PicoPass, as well as a multi technology version to support Proximity and Mifare. Two additional Wiegand interfaces are available for connecting to other third party readers.

Reader Messages

The S610 Exit Reader has a large graphical LCD which is used to display a number of predefined messages to cardholders depending on their privileges e.g. Wrong Zone, Lost/Stolen Card, Card About to Expire, Access Granted and many more. Messages to be displayed by the S610 Exit Reader can be modified via the AC2000 software or translated into local languages.

Easy to Install

The S610 Exit Reader is designed to be extremely easy to install. The installer simply confirms the master reader settings on the server, provides power, connects to the master reader and the reader self-configures by means of downloading data from the host.



Specifications

Physical

..... 142 x 115 x 44mm (5.6 x 4.5 x 1.7")

Housing..... Flame retardant polycarbonate containing

fully encapsulated electronics Colour options..... Dark and Light Grey or Black

Power

Voltage 9 – 14Vdc

Current Consumption 125 kHz Prox 200mA (passive), 320mA (peak) **DESfire** 320mA (passive), 480mA (peak)

iClass 290mA (passive), 360mA (peak) 290mA (passive), 360mA (peak) Pico 220mA (passive, 290mA (peak) MiFare

Environmental

IP Rating IP66

Temperature -20°C to 60°C (-4°F to 140°F)

LED Indicators..... Three high intensity LED indicators red,

amber and green

LCD Indicators 32 x 122 dots Monochrome Graphics

supertwist LCD with backlight

tactile response keypad

Functionality

Inputs Four analog inputs – voltage supplied,

4 state (tamper detect)

Outputs..... Two relays fitted - Changeover volt

free contacts 30Vdc @ 5A

Duration Programmable suppression device

(diode, MOV) required at load Memory..... 2 MB battery backed memory

Database Battery Backup . . . 3.0V rechargeable Lithium-Ion

Communication Interface

To Master Reader RS485 multi-drop cable runs master reader

to exit reader

2 Wiegand interfaces with maximum

length of 150m

Connection 2 part JST Connector To System Host..... Via Master Reader

Requirements

AC2000 SE access control system

• AC2000 Lite access control system

• AC2000 AE access control system

S610 Master Reader

RTC Ethernet reader controller licence

Ordering Information

Product Codes	Description
Grey version	
RDR/612/101	S610 Exit Card Reader with PIN (125kHz HID Proximity)
RDR/612/104	S610 Exit Card Reader with PIN (125kHz Proximity & Mifare CSN)
RDR/612/105	S610 Exit Card Reader with PIN (Mifare CSN) Smartcard
RDR/612/107	S610 Exit Card Reader with PIN (DESFire)
RDR/612/108	S610 Exit Card Reader with PIN (iClass)
RDR/612/109	S610 Exit Card Reader with PIN (No Read Tech) - supports 2 wiegand readers
Black version	
RDR/612/111	S610 Exit Card Reader with PIN (125kHz HID Proximity)
RDR/612/114	S610 Exit Card Reader with PIN (125kHz Proximity & Mifare CSN)
RDR/612/115	S610 Exit Card Reader with PIN (Mifare CSN) Smartcard
RDR/612/117	S610 Exit Card Reader with PIN (DESFire)
RDR/612/118	S610 Exit Card Reader with PIN (iClass)
RDR/612/119	S610 Exit Card Reader with PIN (No Read Tech) - supports 2 wiegand readers

Related Products







AC2000 AE



AC2000 Lite

S610 Master Reader

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