

S610 Exit Reader

DESfire Intelligent Reader



Features That Make a Difference:

- Intelligent card reader designed for use as part of the CEM AC2000 access control software range
- Contactless card presentation with the option to enable Personnel Identification Number (PIN) for two stage authentication
- Integral reading support for 13.56 MHz MiFare/DESfire smartcard technology
- 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 available for general purpose usage
- Easy to install
- Weather-proof casing: IP66 rated
- Available in 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 secure, fully featured exit reader solution 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 analog 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 for general purpose usage.

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.

On-board Card Reading Technology

Designed for use with 13.56 MHz MiFare/DESfire smartcard technology. Two additional Wiegand interfaces are available for connecting 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 displayed by the S610 Exit Reader can be modified via the AC2000 software.

Easy to Install

The S610 Exit reader is designed to be extremely easy to install. The installer simply connects the reader via RS485 to the pairing master and the reader. The Exit reader then self-configures by downloading configuration directly from the master reader.

Specification

Physical

Size 142 x 115 x 44mm (5.6 x 4.5 x 1.7inch)
 Weight 370g (13oz) with connectors
 Housing Flame retardant polycarbonate containing fully encapsulated electronics.
 Colour options Dark and Light Grey or Black

Power Requirements

Voltage 9 – 14Vdc
 Current Consumption 320Ma Passive, 480Ma Active

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 LCD with backlight
 Keypad 12 character, standard layout, tactile response keypad

Functionality

Inputs Four analogue inputs – voltage supplied, 4 state (tamper detect)
 Outputs Two relay fitted – changeover volt free contacts
 Rating 30Vdc @ 5A
 Duration Programmable suppression device (diode, MOV) required at load
 Memory 2MB battery backed memory
 Database battery backup 3.0V rechargeable Lithium-Ion

Communication Interface

To Exit Reader RS485
 Interfaces Two Wiegand interfaces with a maximum cable length of 150M
 Connection 2 part JST connector
 To system Host Via Master Reader

Requirements

- AC2000
- AC2000 Airport
- AC2000 Lite
- S610 Master Reader
- RTC Ethernet reader controller licence

Ordering Information

Product Codes	Description
Grey Version	
RDR/612/107	S610 Exit 13.56MHz CEM DESFire
Black Version	
RDR/612/117	S610e Exit 13.56MHz CEM DESFire

Related Products



AC2000
AC2000 Airport
AC2000 Lite

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