

# S610 Exit Reader

## Multi-Smartcard 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 13.56 MHz iClass SE, iClass Legacy, iClass SE Pico, DESfire SE, Mifare/DESfire CSN (IFARE 1K, MIFARE 4K, MIFARE Classic, MIFARE Ultralight, EV1 8K) smartcard technology
- iClass SE 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 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, gray 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 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 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 Technology

Designed for use with 13.56 MHz iClass SE, iClass Legacy, iClass SE Pico, DESfire SE, Mifare/DESfire CSN (IFARE 1K, MIFARE 4K, MIFARE Classic, MIFARE Ultralight, EV1 8K) smartcard technology. 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 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.

## Specifications

### Physical

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

### Power

Voltage . . . . . 9 – 14Vdc  
 Current Consumption . . . . . 290mA (passive), 360mA (peak)

### 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  
 Keypad . . . . . 12 character, standard layout, tactile response keypad

### Functionality

Inputs . . . . . Four analog inputs – voltage supplied, 4 state (tamper detect)  
 Outputs . . . . . Two relays fitted – Changeover volt free contacts  
 Rating . . . . . 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

### Regulatory

Agency Certifications . . . . . FCC Part 15  
 CE

## Requirements

- AC2000
- AC2000 Lite
- AC2000 Airport
- RTC Ethernet reader controller license

## Ordering Information

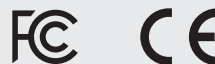
Product Codes	Description
<b>Gray Version</b>	
RDR/612/608	S610 Exit 13.56MHz HID iClass SE, iClass Legacy, iClass SE Pico, DESfire SE, Mifare/DESfire CSN (IFARE 1K, MIFARE 4K, MIFARE Classic, MIFARE Ultralight, EV1 8K) smartcard technology.
<b>Black Version</b>	
RDR/612/608	S610e Exit 13.56MHz HID iClass SE, iClass Legacy, iClass SE Pico, DESfire SE, Mifare/DESfire CSN (IFARE 1K, MIFARE 4K, MIFARE Classic, MIFARE Ultralight, EV1 8K) smartcard technology.

## Related Products



AC2000  
 AC2000 Lite  
 AC2000 Airport

## Approvals



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