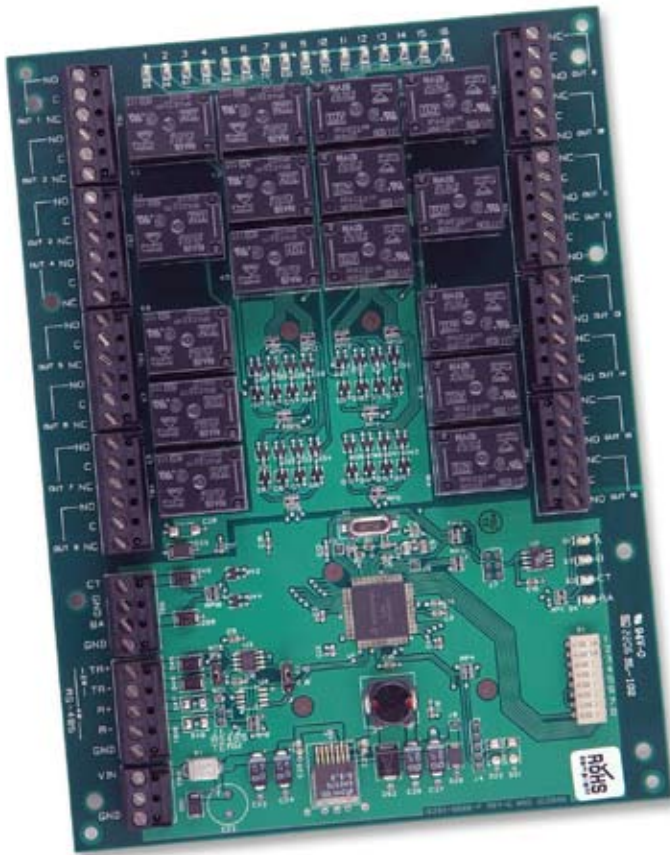


RS2 Technologies

a family of access management hardware solutions

MR-16OUT



The MR-16OUT is a multi-device interface panel that can interface a high concentration of outputs.

The MR-16OUT includes these features:

- 12-24 VDC operation
- 2-wire RS-485 serial communications
- Dedicated cabinet tamper and power monitor inputs
- 16 general purpose Form C relay outputs
- AES 128-bit data encryption
- Universal I/O device characterization
- Ability to initiate commands by operator, time schedules, or events
- Ability to control & respond to external device commands
- UL 294, CE, RoHS

RS2 Technologies has developed an integrated family of access management hardware that can be configured to meet a wide variety of applications. The RS2 family includes a selection of Interface Modules that adds functionality and flexibility to the System Control Processor line. RS2 Interface Modules are devices that are designed to interface with a variety of card readers, general-purpose input monitor points, and output control relays through an SCP. Interface Modules can be used for a variety of applications, including status annunciation and alarm monitoring applications (such as door sensors, glass break sensors, water/water flow sensors, and motion and smoke detectors) and for general facility control such as lighting, heating/cooling, door and elevator control applications. RS2 Interface Modules include the MR-16OUT and the MR-16IN.

MR-16OUT

RS2's MR-16OUT will interface sixteen general-purpose outputs (as Form C relay contacts) to an access management system through an SCP (System Control Processor). The MR-16OUT can be configured to control a variety of outboard devices for general utility and control, as previously described. Devices can be activated or deactivated by the condition of selected system devices locally or regionally without host intervention. The MR-16OUT offers unmatched power and flexibility to expand the range of devices and building controls that are part of an access control system design.

Application Note

The MR-16OUT provides individually configurable parameters to be set for timing and for fail safe or fail secure modes. Relay operation may be initiated by direct operator commands, by time schedules, or by event-based processes (tasks) stored in the local SCP or from host automation. Relays support "On", "Off", "Pulse", and "Repeating Pulse" commands. A pulse may range from .1 second to over 18 hours.



Technical Specifications

Primary Power:

12-24 VDC +/- 10%, 1100 mA maximum
 12 VDC @ 850 mA maximum
 24 VDC @ 450 mA maximum

Communication:

RS-485, 2-wire, 4000' (1,200 m), twisted pair with shield

Inputs:

2 dedicated: tamper and power monitor

Outputs:

16 relays: Form C, 5 A, 28 VDC

Dimensions:

6.0" x 8.0" x 1.0"
 (152 mm x 203 mm x 25 mm)

Temperature:

0° to 70°C operational, -55° to +85°C storage

Humidity:

0%-95% RHNC

Standards:

UL 294, CE, RoHS

For more information, please contact:

