

The **Access Platform MR16out** is a multi-device interface panel that provides the ability to control high concentrations of outputs. With 16 general purpose outputs as Form C relay contacts, the MR16out interfaces with Mercury's EP intelligent controllers to add versatility to access control and security monitoring systems.

Based on the intelligent next-generation Mercury Access Foundation, the MR16out can be configured to control a variety of outboard devices for general facility control such as lighting, heating/cooling, door and elevator control. Devices can be activated by the condition of selected system devices locally or regionally without host intervention.

The MR16out provides individually configurable parameters to be set for timing and for fail-safe vs. fail secure modes. Relay operation may be initiated by direct operator commands, by time schedules, or by event-based procedures. The relays support "On", "Off", "Pulse", and "Repeating Pulse" commands. A pulse may range from .1 second to over 18 hours.

Application Notes

The Mercury MR16out is an essential component to support Mercury's flexible, building block approach to access control system design. Providing flexibility and versatility, the MR16out offers unmatched power to widen the range of devices and building controls that can be included in system design. Add building controls such as lighting or HVAC, with devices activated locally or regionally without host intervention.

Benefits

- Built-in capacity to control, respond to external device commands
- Easily integrates lighting, heating/cooling, door or elevator controls
- Initiates commands by operator, time schedules or by events

Features

- AES 128 Data Encryption
- Universal I/O device characterization
- Power supervision and tamper monitoring
- Universal system compatibilities across intelligent controller families

Proven Platforms for the Future
Reliable. Proven. Innovative Access Control.

Technical Specifications
Electrical:

Primary Power:
 12-24 Vdc +/- 10%, 1100 mA maximum
 12Vdc @ 850mA nominal
 24Vdc @ 450mA nominal

Communication:

RS-485, 2-wire, 4,000'
 (twisted pair with shield, Belden 9841)

Inputs:

2 Dedicated: Tamper and Power Monitor

Outputs:

16 Relays: Form-C, 5 Amp 28Vdc

Dimensions:

6.0' W x 8.0' L x 1.0' H,
 (152mm W x 203mm L x 25mm H)

Temperature:

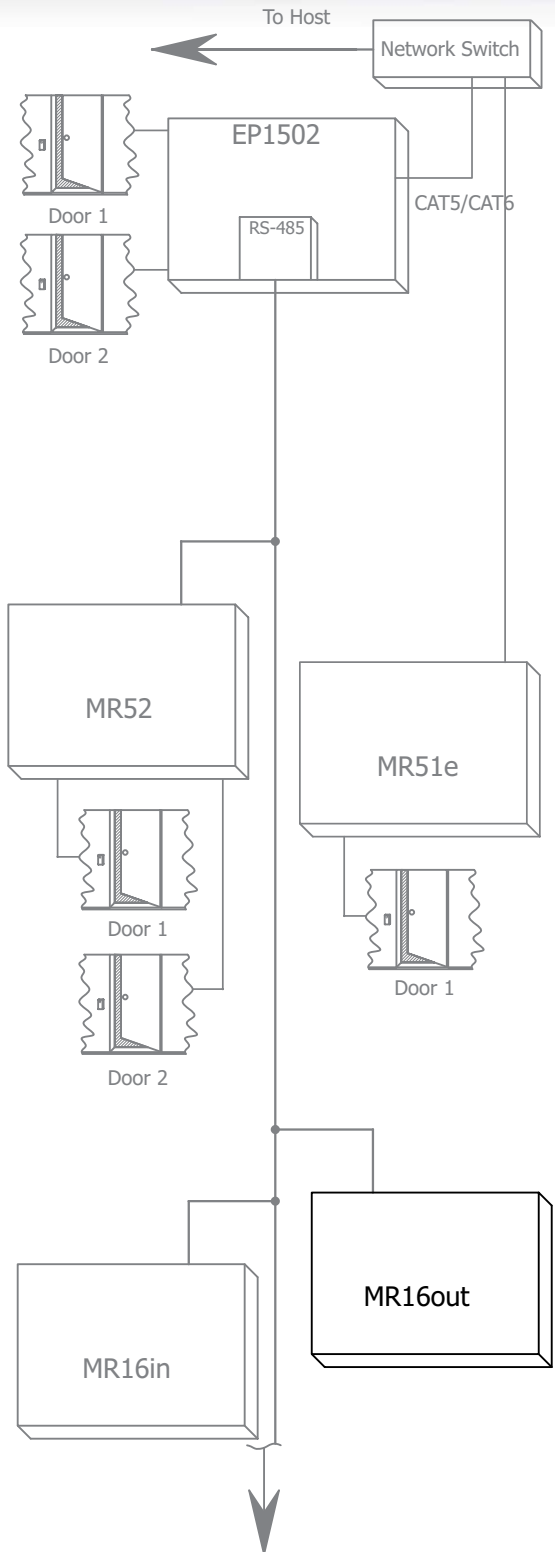
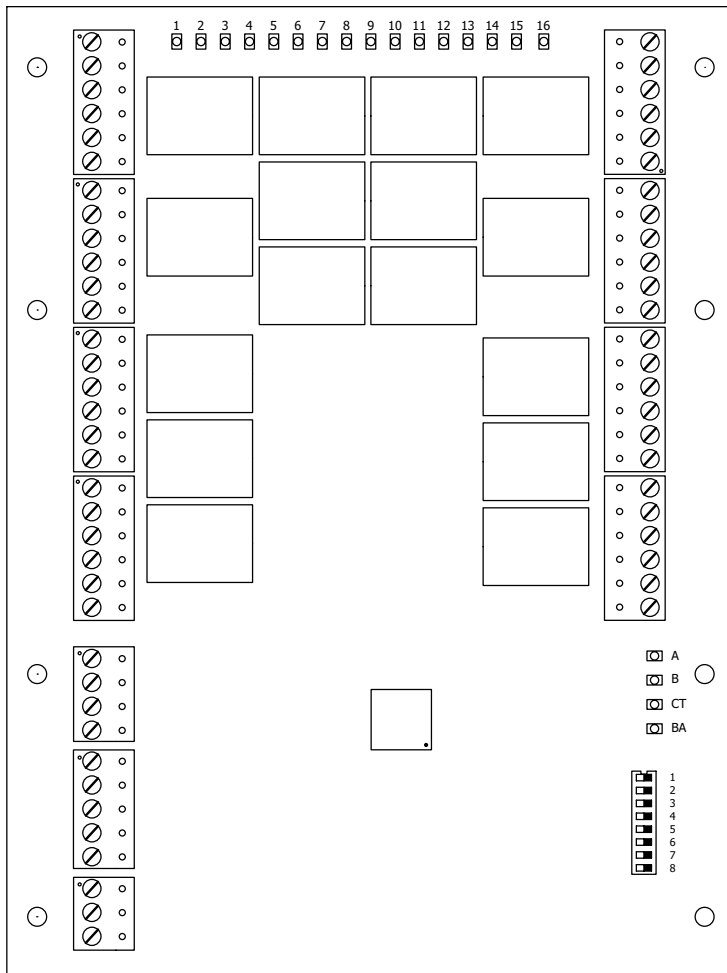
0—70 °C operational, -55—85 °C storage

Humidity:

0 to 95% RHNC

Standards:

UL 294 Recognized, CE Compliant, RoHS


For More Information:

Mercury Security Corporation
 2355 Mira Mar Avenue
 Long Beach, CA 90815-1755
 Tel: 562.986.9105 Fax: 562.986.9205
 www.mercury-security.com