RECONASENSE

Series 3

MR16IN

SERIES I/O 16-INPUT INTERFACE PANEL

The new Authentic Mercury MR Series 3 Serial Input/ Authentic Mercury intelligent controllers as part of Mercury's distributed architecture. The enhanced modules offer an improved processor and increased memory, plus feature an embedded crypto memory chip that provides a secured layer of encryption to onboard sensitive data. Built on the Authentic Mercury open platform, Series 3 modules provide the necessary flexibility for OEMs, channel partners and end customers to choose the controller configuration that best fits their needs.

The MR16IN can be used for a variety of applications, including status annunciation and alarm monitoring applications such as lighting, heating/cooling, door and elevator control. Devices can also be activated by the condition of selected system devices, either locally or regionally, without host intervention.

The panel is dedicated to point control and monitoring, enables OEMs to support 16 general-purpose input circuits. The circuits can be individually set for sensitivity ranges, timing parameters (normallyopen or normally-closed operations) and end-ofline resistance values. They can also be declared supervised and non-supervised. Two programmable relay outputs are configurable for fail-safe or failsecure operation, supporting "On," "Off," "Pulse" and "Repeating Pulse" commands.

The MR16IN Series 3 is the latest generation door interface module for Authentic Mercury intelligent controllers, the platform of choice for customers seeking open architecture access control solutions.

Open Architecture

High performance, reliable platform enables use of hardware with Mercury OEM partners software solutions

Easy Expansion

Adds functionality and flexibility to existing access control systems

Enhanced Security

Embedded crypto memory chip provides secured layer of encryption to protect sensitive data

Versatile Interoperability

Same reliable interface and identical footprint as Series 2 Mercury IO modules, enabling seamless upgrades for existing deployments
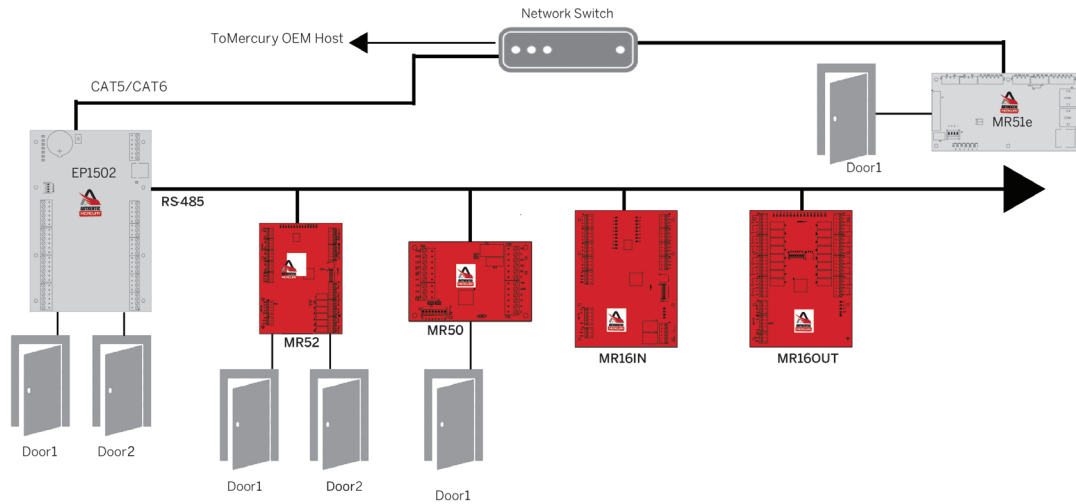
FEATURES:

- 16 programmable inputs; 2 programmable relay outputs
- AES 128/256 bit data encryption
- UL 294 recognized, CE compliant, FCC, RoHS
- Configurable input parameters
- Initiates commands by operator, by time schedules, or by events
- Allows for easy and compact clustering of up to 16 uniquely monitored devices
- RS-485 host connectivity

Application Notes

The Mercury MR16IN is an essential component that supports Mercury's flexible, building-block approach to access control system design. The MR16IN provides the capacity to link, control and respond to an array of sensors. With its RS-485 connectivity, the MR16IN can be clustered or distributed to best suit each installation environment.

The Authentic Mercury open platform delivers quality assurance derived from the most proven and reliable hardware in the industry. Driven by engineering excellence and technology leadership, Authentic Mercury hardware is designed as an access control platform that easily encompasses emerging technologies, changing industry standards and evolving system environments.

reconasense.com | +1 512.220.2010 | insider@reconasense.com