

Features

- 8 programmable outputs
- Plug for plug compatibility to iStar Pro R8
- AES 128 bit data encryption
- Universal I/O device Characterization

Benefits

- Retrofits iStar Pro R8 modules from Software House
- Built-in capacity to control, respond to external device commands
- Easily integrates lighting, heating/cooling, door or elevator control sensors
- Initiate commands by operator, by time schedules, or by events
- Built on the Open Authentic Mercury platform

As part of Mercury Security's mission to design and build a completely open access control hardware platform with a highly articulated API, the new MS-R8S Bridge offers a direct retrofit of Software House's iStar Pro R8 module.

The MS-R8S Bridge is a multi-device interface panel to replace the Software House iStar Pro R8 module. It replicates the iStar access control hardware form factor for fast "screwdriverless" change over and easy migration of Software House client infrastructure to any Authentic Mercury software partner solutions.

Built on the Authentic Mercury platform, the MS-R8S interface panel is dedicated to point control and monitoring, providing 8 general purpose outputs as Form-C relay contacts. It also provides individually configurable parameters that can be set for timing and for fail-safe versus fail-secure modes.

The MS-R8S is configurable to control a variety of out-board devices for general facility control 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.

Additional Benefits:

- Simple Migration – Provides a streamlined path to move organizations from proprietary and/or legacy systems to open platforms, while reducing overall costs by eliminating the need to rewire legacy peripheral devices.
- Open and Flexible – The Authentic Mercury hardware platform is based on open architecture access control technology, which is designed to support emerging technologies, changing industry standards and evolving system environments.
- Market-Proven – With the industry's largest installed base and greatest accumulated runtime of any access hardware provider, Mercury Security has consistently provided partners and customers with the most reliable and scalable platform for more than 20 years.

Application Notes

The MS-R8S is an integral component in the Mercury MS Bridge family approach to migrate iStar Pro hardware to flexible, feature-rich Mercury access hardware. When paired with a MS-ICS, MS-ACS or MS-I8S, customers can begin reaping the benefits of the industry leading, open Authentic Mercury access control platform.

MS-R8S

The MS-ICS is for use in low voltage, Class 2 Circuits only.

Primary Power: 12 Vdc \pm 10%, 350 mA maximum

Outputs: 8 Form-C Contacts 30 Vdc @ 2 Amps, resistive

Inputs: 1 dedicated cabinet tamper input

Communication: 2-wire, RS-485
9600, 19200, 38400, or 115200 bps, asynchronous

Cable Requirements: 24AWG, 120 ohm impedance, twisted pair, 4,000' (1,200 m) maximum
Power: 18 AWG, 1 twisted pair

Outputs: As required by the load

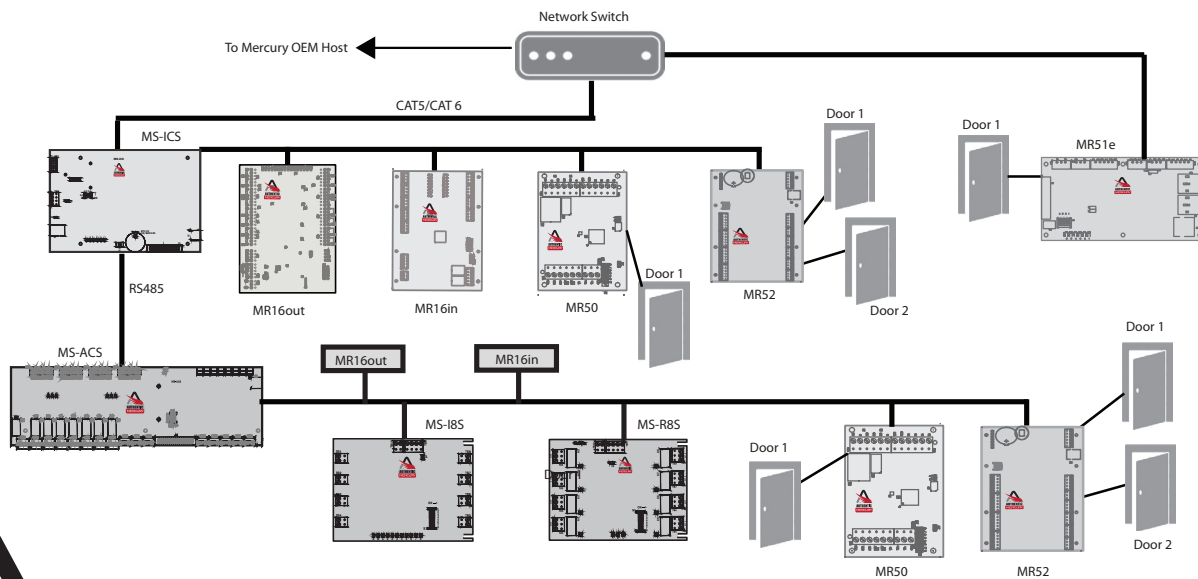
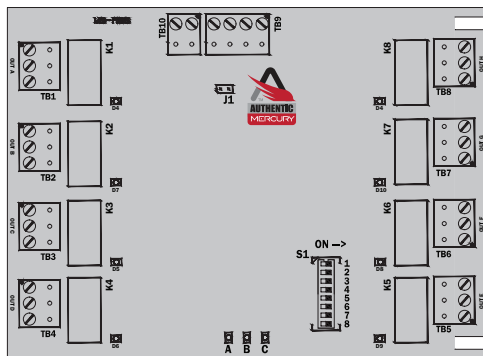
Dimensions: W 4.33 in. (110 mm)
L 5.90 in. (150 mm)
H 0.65 in. (16.5 mm)

Weight: 4.5 oz. (128.5 g) nominal (without terminal blocks)

Environmental: -55 to +85 °C, storage
0 to +50 °C, operating

Humidity: 5 to 95% RHNC

Product Compliance: UL294 Recognized, FCC Part 15 Class A, CE Compliant, RoHS 2011/65/EU & 2015/863, EU REACH (1907/2006), California Proposition 65, NIST Certified Encryption



The Authentic Mercury open platform delivers quality assurance derived from the most proven and reliable hardware in the industry. Driven by our 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. Make yours Authentic, Make sure its Merc.