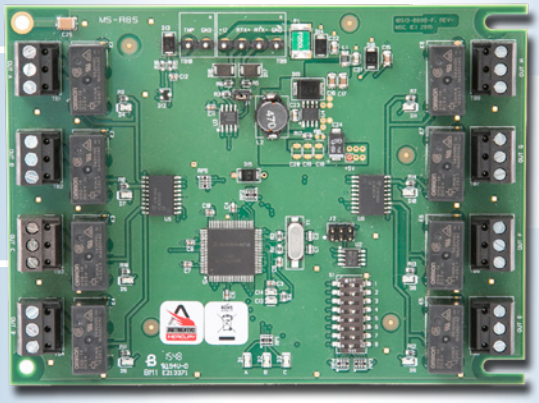
HID® Mercury™ MS-R8S Bridge



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 HID Mercury platform

As part of our mission to design and build a completely open access control hardware platform with a highly articulated API, the HID Mercury 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" changeover and easy migration of Software House client infrastructure to any HID Mercury software partner solutions.

Built on the HID 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:

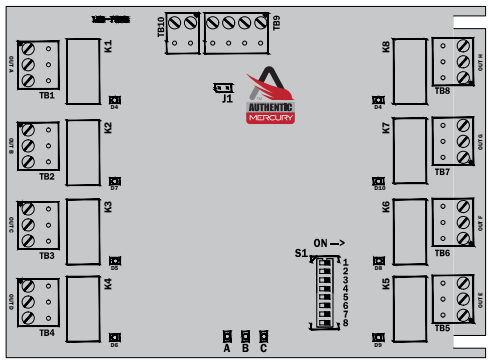
- Simple Migration – Provides a streamlined path to move organizations from proprietary and/or legacy systems to open platforms, while reducing overall costs by eliminating the need to rewire legacy peripheral devices.
- Open and Flexible – The HID Mercury hardware platform is based on open architecture 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, HID Mercury Controllers have consistently provided partners and customers with the most reliable and scalable platform for more than 20 years.

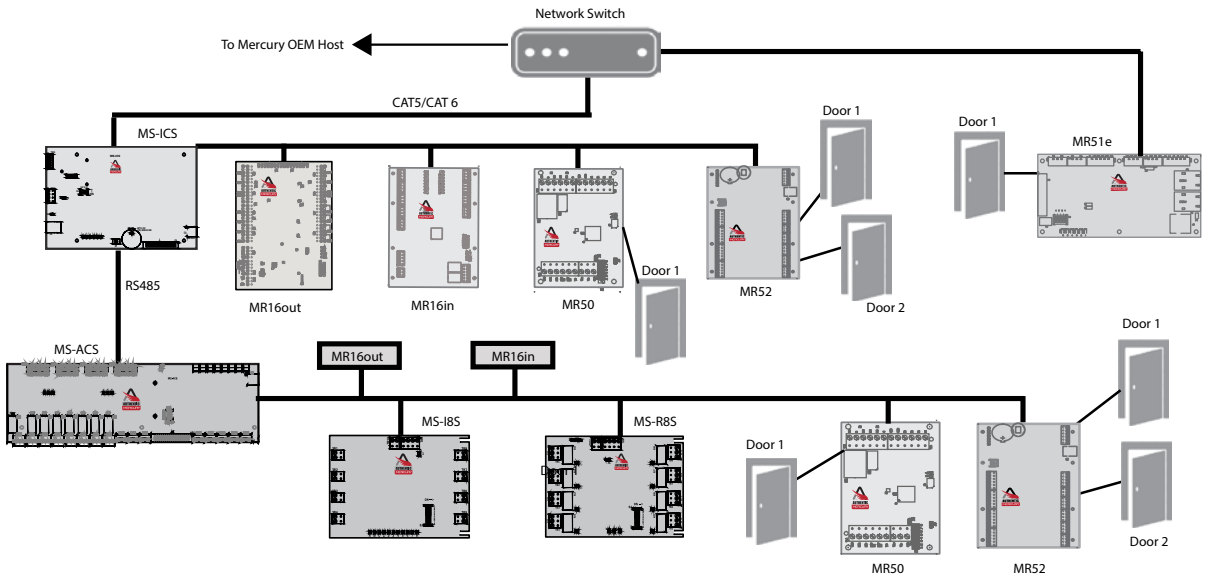
Application Notes

The MS-R8S is an integral component in the HID Mercury MS Bridge family approach to migrate iStar Pro hardware to flexible, feature-rich HID 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 HID Mercury access control platform.

SPECIFICATIONS

Primary Power	12 VDC ± 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	24 AWG, 120 ohm impedance, twisted pair, 4,000' (1,200 m) maximum Power: 18 AWG, 1 twisted pair
Outputs	As required by the load
Dimensions	4.33 in. (110 mm) W x 5.90 in. (150 mm) L x 0.65 in. (16.5 mm) H
Weight	4.5 oz. (128.5 g) nominal (without terminal blocks)
Environmental	Storage: -55° to +85° C Operating: 0° to +50°C
Humidity	5 to 95% RHNC
Product Compliances	UL 294 Recognized, FCC Part 15 Class A, CE Compliant, RoHS (2011/65/EU & 2015/863), EU REACH (1907/2006), California Proposition 65





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