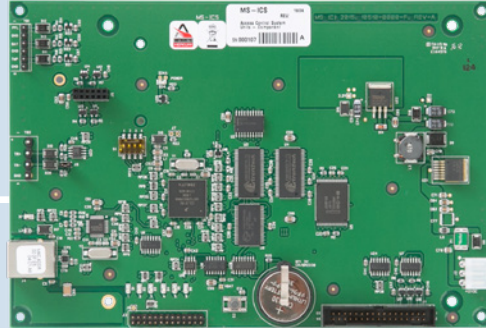


# HID® Mercury™ MS-ICS Bridge



## FEATURES

- 64 reader capacity
- Supports 600,000 cardholders
- Multiple card format support
- Universal I/O device characterization
- AES 128/256 bit encryption and TLS
- Large encoded card number support
- Multi-brand wireless lock support

## BENEFITS

- Built-in capacity to control, respond to external device commands
- Initiate commands by operator, by time schedules, or by events
- Built on the HID Mercury platform
- Retrofits Pro Series controllers from Software House®

As part of our mission to design and build a completely open access control hardware platform with a highly articulated API, the MS-ICS Bridge offers a direct retrofit of Software House's® Pro Series GCM module.

The MS-ICS Bridge is a multi-device interface panel that replicates the Pro Series 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-ICS interface controller panel provides the ability to manage up to 64 readers and can support up to two MS-ACS interface boards.

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

\*Software House (Reg. No. 3010766) is a registered trademark of Sensormatic Electronics LLC  
Mercury Security Products is not affiliated with or sponsored by Sensormatic Electronics LLC, Software House, or Tyco International Ltd

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

## SPECIFICATIONS

### HID Mercury MS-ICS

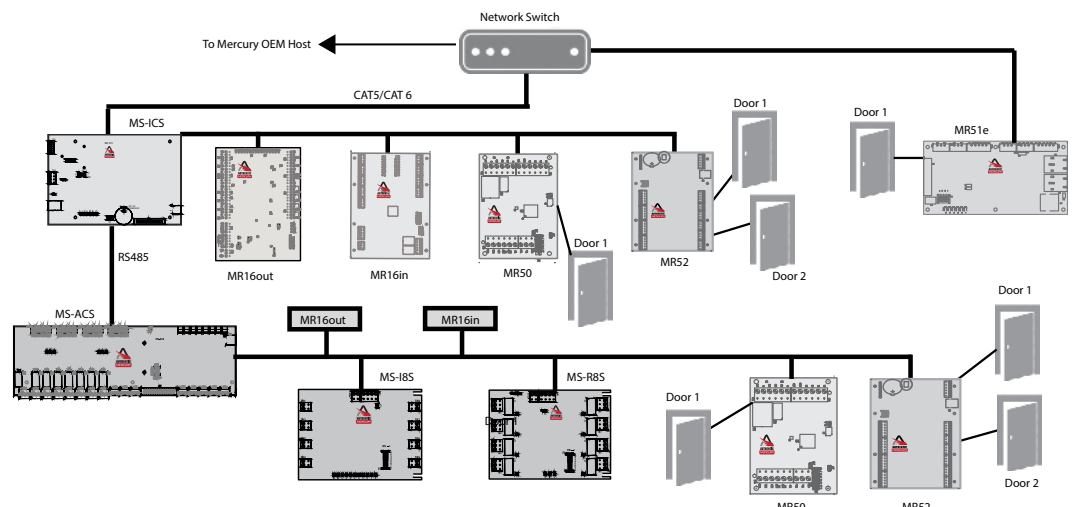
<b>Primary Power</b>	12VDC $\pm$ 10%, 275 mA maximum
<b>Communication Ports</b>	Primary: 10/100 Ethernet Alternate: Ethernet Adapter (optional) Downstream: One internal serial bus to MS-ACS and One external 2-wire RS-485
<b>Communications</b>	9600, 18200, 35400, or 115200 bps, asynchronous
<b>Inputs</b>	Three dedicated: cabinet tamper, power monitor, and low battery

### MECHANICAL

<b>Dimensions</b>	5.8 in. (148 mm) W x 8.6 in. (218 mm) L x 1 in. (25 mm) H
<b>Weight</b>	5.7 oz. (162 g) nominal, w/o terminal blocks and Ethernet adapter
<b>Cable Requirements</b>	Ethernet: CAT 5 minimum Power: 22 to 24 gauge To MS-ACS: 34-conductor ribbon cable RS-485: 1 twisted pair with drain wire and shield, 120 ohm impedance, 24 AWG, 4000 ft., (1,219 m) maximum

### ENVIRONMENTAL

<b>Temperature</b>	Storage: -55 to 85° C Operating: 0 to +50° C
<b>Humidity</b>	5 to 95% RHNC
<b>Product Compliance</b>	UL294 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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