

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 Open Authentic Mercury platform
- Retrofits Pro Series controllers from Software House®

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-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” 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-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 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-ICS is an integral component in the Mercury MS Bridge family approach to migrate Pro Series hardware to flexible, feature-rich 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 Authentic Mercury access control platform.

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

Primary Power: 12Vdc \pm 10%, 275 mA maximum

Communication Ports:
 Primary: 10/100 Ethernet
 Alternate: Ethernet Adapter (optional)

Downstream: One internal serial bus to MS-ACS and One external 2-wire RS-485

Communications: 9600, 18200, 35400, or 115200 bps, asynchronous

Inputs: Three dedicated: cabinet tamper, power monitor, and low battery

Cable Requirements:
 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

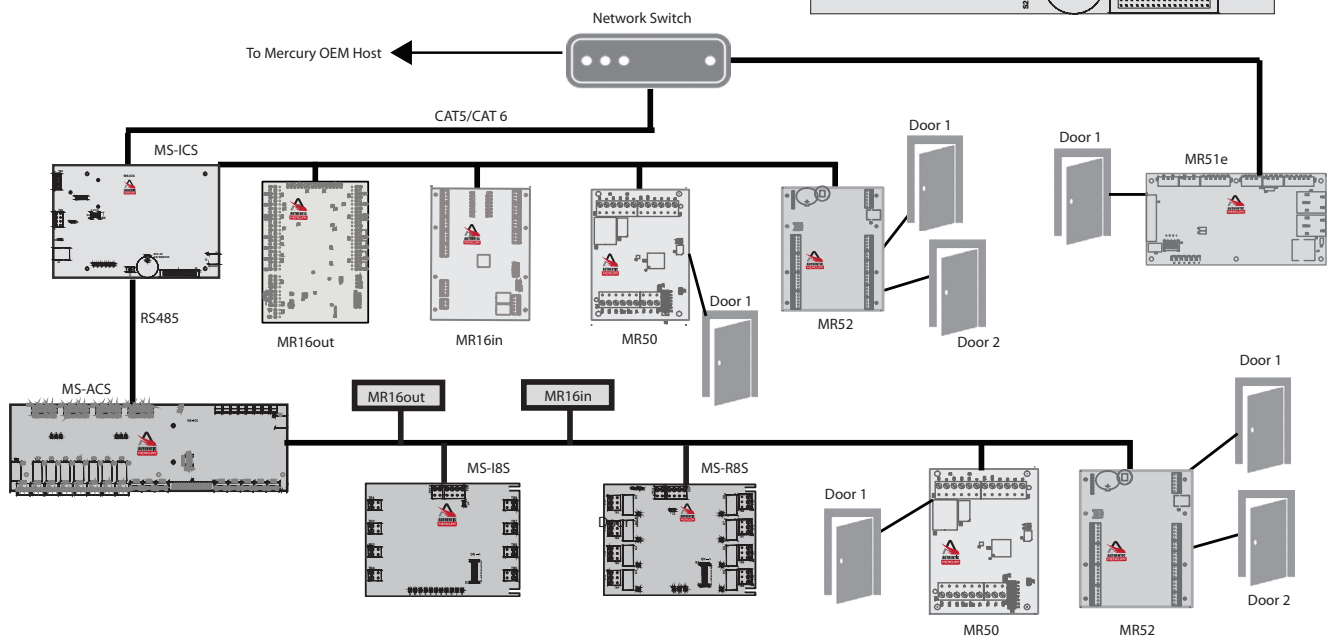
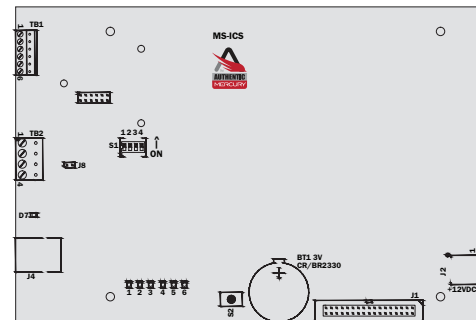
Dimensions:
 W 5.8 in. (148 mm)
 L 8.6 in. (218 mm)
 H 1 in. (25 mm)

Weight: 5.7 oz. (162 g) nominal, w/o terminal blocks and Ethernet adapter

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

Humidity: 5 to 95% RHNC

Standards: UL294 Recognized, CE Compliant, RoHS, FCC Part 15 Class A, NIST Certified Encryption



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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.