

Mercury M5-2SRP Intelligent Controller

M5-2SRP is a multi-device interface panel for the replacement of the Casi 2SRP reader control device. As with the entire Mercury M5 Bridge family of controllers, the M5-2SRP is built with a matching form factor to the Casi Micro5 line of access control hardware allowing a fast “screwdriverless” change over and easy migration of a Casi client infrastructure to any Authentic Mercury software partner. Built to provide the ability to control access for two openings, this panel offers support for 2 readers capable of being individually configured for Wiegand, Magstripe, F2F or Supervised F2F card reader protocols. Additionally, the M5-2SRP has the capability to monitor the door position, manage the door locking hardware and request to exit devices, with an auxiliary output available for each reader. Each legacy enclosure will support up to (6) M5-2SRP's.

Application Notes

The M5-2SRP is an integral component in the Mercury M5 Bridge family approach to migrate any Micro5 hardware legacy to the flexible, feature rich Mercury access hardware. This ensures the customer an Open future based on Authentic Mercury controllers.

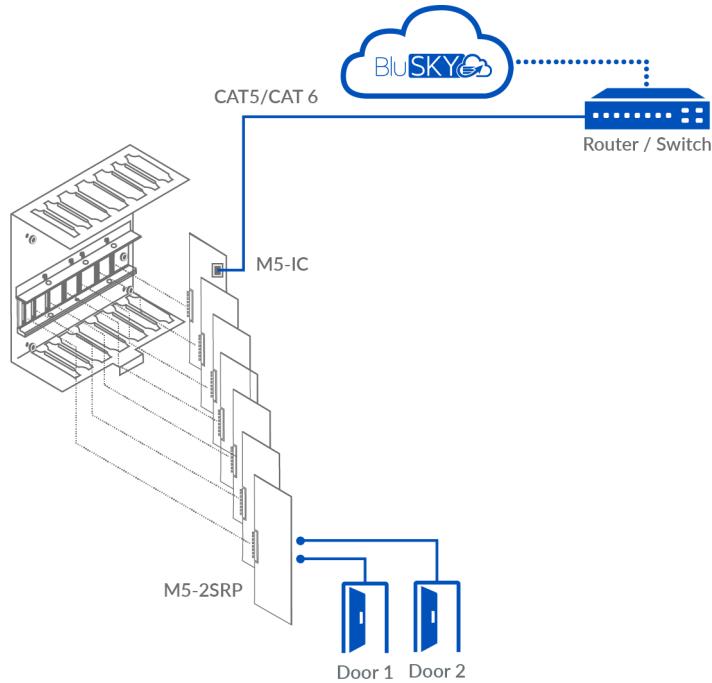


Features

- 2 Reader ports
- 6 Programmable Outputs (5Vdc)
- 4 Configurable Inputs
- Multiple reader protocol support
- Plug for plug compatibility to Casi 2SRP
- AES 128 bit data encryption
- Configurable input parameters

Benefits

- 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



Specifications

The M5-2SRP is for use in low voltage, Class 2 Circuits only.

Primary Power (from M5-IC):

- 12Vdc +/-10%, 155 mA maximum (plus reader current)

Relay Outputs:

- 6 outputs, Form-C, 2 A @ 30 VAC/DC, resistive

Inputs:

- 4 general purpose, two per reader port

Reader Interface:

- Reader power: 5Vdc or 12Vdc regulated (jumper selectable), 300 mA maximum each reader port

Reader LED Output:

- Open collector, 40 mA sink maximum
- External relay

Reader Data Inputs:

- TTL compatible inputs Communication: 9600, 19200, 38400, or 115200 bps, asynchronous

Cable Requirements:

- Alarm inputs: 1 twisted pair per input, 30 ohms maximum loop resistance
- Outputs: As required for the load

Reader Data:

- Clock/Data or Wiegand: 18 AWG, 500 feet (152 m) maximum
- Supervised F/2F: 20 AWG, 500 feet (152 m) Maximum

Dimension:

- W 3.5 in (88.9 mm)
- L 10.25 in (260.35 mm)
- H 0.69 in (17.5 mm)
- Weight (w/o connectors): 4.5 oz. (126 g) nominal

Temperature:

- Storage -55 °C to +85 °C
- Operating 0 °C to +50 °C
- Humidity: 5 to 95 % RHNC

Ordering Information

MFG Part #	BluBØX Order #	Description
M5-2SRP	125-1700	Mercury M5-2SRP Multi Device Interface Panel Replaces Casi 2SRP

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