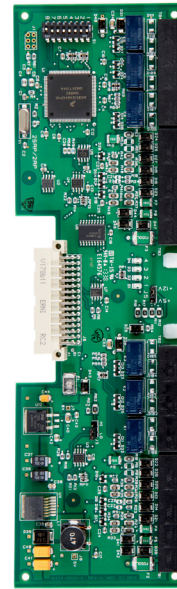


Mercury M5-2RP Intelligent Controller

M5-2RP is a multi-device interface panel for the replacement of the Casi 2RP reader control device. As with the entire Mercury M5 Bridge family of controllers, the M5-2RP 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. In addition, the M5-2RP 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) M5-2RP's.

Application Notes

The M5-2RP 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 and ensure the customer an Open future based on Authentic Mercury controllers.

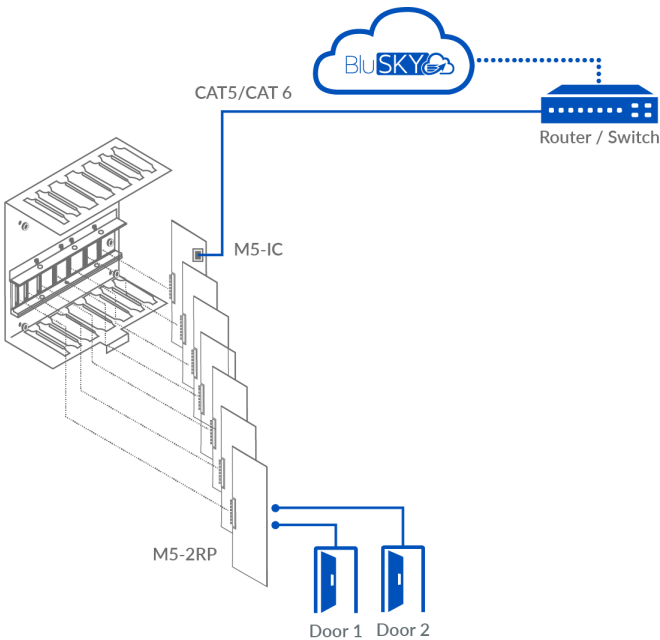


Features

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

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
-



Specifications

The M5-2RP 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

Temperature:

- Storage -55 °C to +85 °C
- Operating 0 °C to +50 °C

Humidity:

- 5 to 95 % RHNC

Standards:

- UL 294 Recognized
- CE Compliant
- RoHS

Size and Weight:

- 0.69"H x 3.5"W x 3.5"L | 4.5oz. (w/o connectors)

Ordering Information

MFG Part #	BluBOX Order #	Description
M5-2RP	125-1600	Mercury M5-2RP Multi Device Interface Panel Replaces Casi 2RP