



### 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

### Features

- 20 programmable inputs
- Plug for plug compatibility to Casi 20DI
- AES 128 bit data encryption
- Universal I/O device Characterization
- Configurable input parameters

**M5-20IN** is a multi-device interface panel for the replacement of the Casi 20DI input control device. As with the entire Mercury M5 Bridge family of controllers, the M5-20IN is built with a matching form factor to the Casi Micro 5 line of access control hardware allowing a fast “screwdriverless” change over and easy migration of a Casi client to any Authentic Mercury software partner.

Built to provide the ability to monitor high concentrations of inputs, this panel offers support for 20 general purpose input circuits capable of being individually set for normally-open or normally-closed operations and can be declared, supervised and non-supervised. Individually configurable parameters can be set for sensitivity ranges, timing parameters and end-of-line resistance values. The M5-20IN provides the capacity to link, control and respond to an array of sensors.

### Application Notes

The M5-20IN is an integral component in the Mercury M5 Bridge family approach to migrate any Micro 5 installation to the flexible, feature rich Mercury access hardware. This ensures the customer an Open future based on Authentic Mercury controllers

**Primary power:**

12 Vdc +/-10%, 165 mA maximum

**Inputs:**

20 unsupervised/supervised,  
standard EOL: 1K/1K ohm, 1%, 1/4 watt

**Communication: Back plane supplied**

9600, 19200, 38400, or 115200 bps,  
asynchronous

**Cable requirements:**

Alarm inputs:  
1 twisted pair, 30 ohms maximum

**Mechanical:**

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 oz. (113 g) nominal

**Environmental:**

Temperature:

-55 °C to +85 °C storage

0 °C to +70 °C operating

Humidity:

5 to 95% RHNC

