HID®

HID® Mercury™ M5-COM Controller

FEATURES

- Promotes the chaining of multiple M5 enclosures
- Up to 8 M5-COM's can be supported by one M5-IC

BENEFITS

- Built on the Open Authentic Mercury platform
- Plug & Play format for a "screwdriverless" change over in Casi upgrades
- Provides a bridge from legacy systems to new and future access control systems
- Does not require power management controller

The HID Mercury M5-COM Controller is a device for replacement of the Casi Power and Communications controller board. As with the entire HID Mercury M5 Bridge family of controllers, the M5-COM is built with a matching form factor to the Casi Micro5 line of access control hardware, allowing a fast "screwdriverless" changeover and easy migration of a Casi client infrastructure to any HID Mercury software partner.

While the Casi Power/ Communications board is required in each Casi enclosure, this is not the case with the HID Mercury M5-COM. The M5-COM provides RS485 communications to support other downstream HID Mercury bridged M5 enclosures. Each downstream bridged enclosure only needs a M5-COM for complete HID Mercury functionality. (Up to 8 M5-COM's can be supported by one M5-IC.)
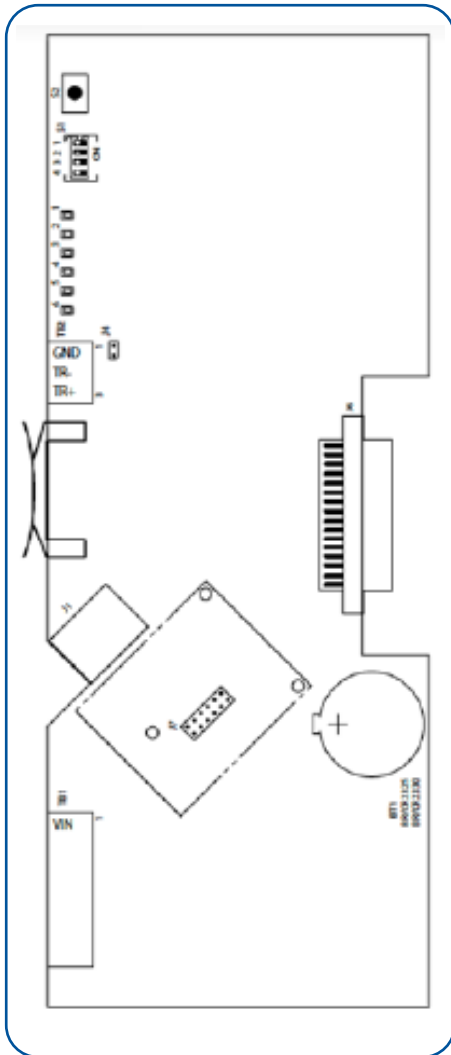
Application Notes

The M5-COM is an integral component in the HID Mercury M5 Bridge family approach to more cost effectively migrate any Micro5 hardware legacy to the flexible, feature-rich HID Mercury access hardware.

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

SPECIFICATIONS

HID Mercury M5-COM Controller

Primary Power (from M5-IC)	Not applicable, power is passed through and supplies power to the M5 enclosure back plane
Communication	2-Wire RS-485 at: 9600, 19200, 38400, or 115200 bps, asynchronous, passed through to the back plane
Cable Requirements (Power)	1 twisted pair, 18 AWG RS-485: 24 AWG, 4,000 ft (1,200m) maximum, shielded twisted pair, 120 ohm impedance
MECHANICAL	
Dimensions	3.5 in (88.9 mm) W x 10.25 in (260.35 mm) L x 0.6 in (15.24 mm) H
Weight (w/o connectors):	3.4 oz. (96.5 g) nominal
ENVIRONMENTAL	
Temperature	Storage: -55° to +85° C Operating: 0° to +50° C
Humidity	5 to 95% RHNC
Product Compliance	UL 294 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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