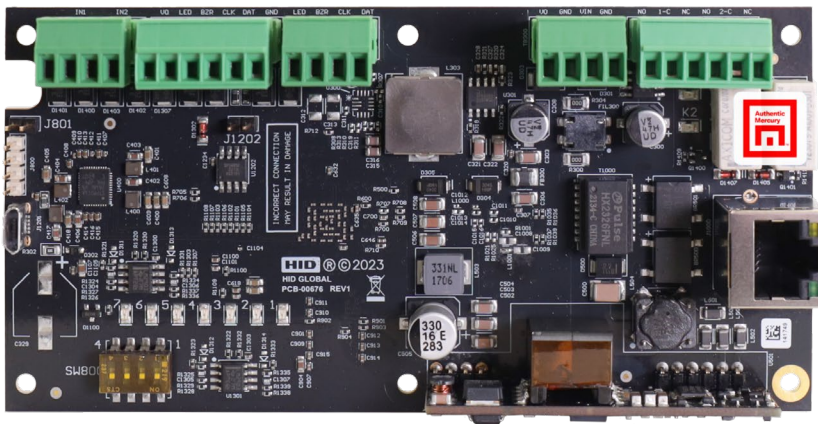


HID Mercury Security MP1501

PoE+ Edge-capable intelligent controller (2 readers, 2 inputs, 2 outputs)

Seamlessly integrated with Security Center Synergis

Synergis™ supports HID Mercury Security's open-field hardware, enabling organizations to deploy industry-standard access control modules and protect their investments for years to come. Bearing the same footprint and interface as the LP/EP series, the MP1501 ensures business continuity while delivering enhanced cybersecurity measures. The MP1501 controller has direct hardware support for up to two readers or one door and can scale up to 17 readers. Supporting a range of wired and wireless technology, the MP1501 is managed by the Synergis™ Cloud Link gateway appliance over IP.



HID Mercury Security MP1501 PoE+ Edge-capable Intelligent Controller

Synergis Cloud Link

The Synergis Cloud Link appliance is an intelligent and PoE-enabled IoT gateway that supports a mix of non-proprietary access control modules like the HID Mercury Security MP1501 PoE+ Edge-capable Intelligent Controller.



Overview

Enhanced security through ARM TrustZone, secure boot CPU, crypto chip, firmware validation, and data at rest encryption

Advanced processing capabilities allow custom applications to run in the controller, greatly enhancing the platform's edge processing

Reports all activity in real time to Synergis Cloud Link

Manages up to 2 readers or 1 door natively, expandable to 17 doors using SIO modules

Up to 250,000 offline cardholders and 50,000 offline events

Manages 2 general-purpose input monitor points and 2 control relays

Reports supervised inputs

UL 294 recognized components

OSDP v1 and v2 with secure channel supported

Connects to the Synergis Cloud Link over IP

Available interfaces

Readers: 2 reader ports. 1 port for up to 2 OSDP readers or downstream RS485 module, and 1 for Wiegand

Inputs: 2 general-purpose (programmable circuit type), 1 for cabinet tamper

Outputs: 2 relays: Form C, 2 Amp 30 Vdc

Supports 1 RS-485 I/O protocol

Hardware specifications

Dimensions	Without bracket: 5.5 in × 2.75 in × 0.96 in (140 mm × 70 mm × 24 mm)	Weight	Without bracket: 3.6 oz. (103 g)
	With bracket: 5.5 in x 3.64 in x 1.33 in (140mm x 92mm x 34mm)		With bracket: 4.43 oz. (125.5 g)
Temperature	0°C to +70°C operational, -55°C to +85°C storage	Communications ports	Ethernet: 10Base T/100Base-TX
Primary power	PoE (12.95 W), compliant to IEEE 802.3af or PoE+ (25 W), compliant to IEEE 802.3at or 12 Vdc +/- 10%, 1.8 A maximum	Certifications	UL 294 Recognized ¹ , FCC Part 15 Class A, CE Compliant, RoHS (2011/65/EU & 2015/863), EU REACH (1907/2006), California Proposition 65, NIST Certified Encryption (in process)
Reader power	PoE: 12 Vdc @ 625 mA / PoE+ or external 12 Vdc: 12 Vdc @ 1.25 A (including AUX output)	Warranty	24-month warranty. Please refer to Genetec Sales Policy for more information

Architecture Overview

Connected to the Synergis Cloud Link appliance over IP, the HID Mercury Security MP1501 PoE+ Edge-capable intelligent controller processes real-time commands and reports all activities upstream.

