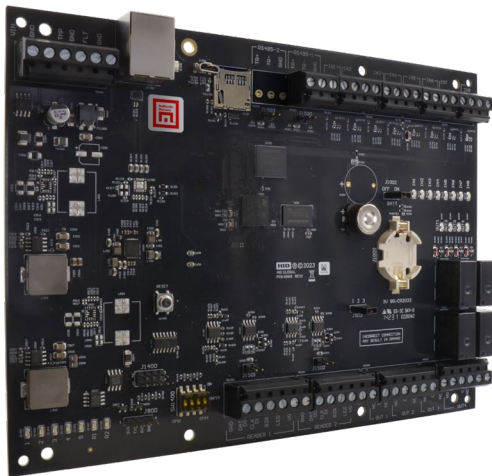


HID Mercury Security MP1502

Intelligent controller (4 Readers, 8 Inputs, 4 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 your investments for years to come. The MP1502 controller has direct hardware support for two doors and can scale up to 64 readers. Bearing the same footprint and interface as the LP/EP series, the MP1502 ensures business continuity while delivering enhanced cybersecurity measures. Supporting a range of wired and wireless technology, the MP1502 is managed by the Synergis™ Cloud Link gateway appliance over IP.



HID Mercury Security MP1502 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 MP1502 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 doors natively, expandable to 64 doors

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

Manages 8 general-purpose input monitor points and 4 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, up to 2 readers (entry and exit) each when connected to OSDP readers.

Inputs: 8 unsupervised/supervised general purpose (programmable circuit type), 2 for cabinet tamper and UPS fault monitor

Outputs: 4 relays: Form C, NO 5 Amp 30 Vdc, NC 3 Amp 30 Vdc

Supports 1 RS-485 IO protocol

Hardware specifications

Dimensions	8.0 in × 6.0 in × 1.0 in (203 mm × 152 mm × 25 mm)	Weight	9 oz. (255 g) nominal, board only
Temperature	0 to +70°C operational, -55 to +85°C storage	Communication ports	Ethernet: 10Base T/100Base-TX
Primary power	12-24 Vdc ± 10%, 500 mA maximum (reader ports not included)	Certifications	UL 294 Recognized, 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	12-24 Vdc ± 10%, 300 mA maximum per reader port (to be added to primary power current)	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 MP1502 intelligent controller processes real-time commands and reports all activities upstream.

