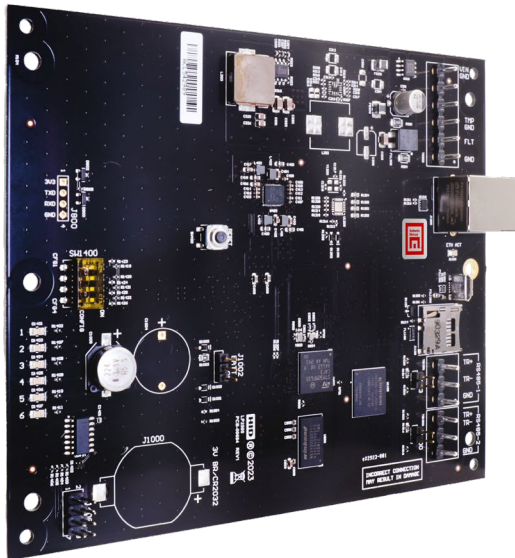


HID Mercury Security MP2500

Intelligent Controller

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. The MP2500 controller has native network support and can scale up to 64 readers. It comes with two RS-485 communication ports. Bearing the same footprint and interface as the LP/EP series, the MP2500 ensures business continuity while delivering enhanced cybersecurity measures. Supporting a range of wired and wireless technology, the MP2500 is managed by the Synergis™ Cloud Link gateway appliance over IP.



HID Mercury Security MP2500 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

Controller I/O Expansion connection protected by AES

Up to 600,000 offline cardholders and 50,000 offline events

UL 294 recognized components

Supports up to 2 RS-485 IO protocols

Supports up to 32 RS-485 expansion modules

Connects to the Synergis Cloud Link over IP

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 MP2500 Intelligent Controller.

Hardware specifications

Dimensions	5.0 in × 6.0 in × 1.0 in (127 mm × 152 mm × 25 mm)	Weight	4.1 oz. (115 gm) 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%, 250 mA maximum	Certifications	U 294 Recognized, CE Compliant, RoHS, L294 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)
Warranty	24-month warranty. Please refer to Genetec Sales Policy for more information		

Architecture

Connected to the Synergis Cloud Link appliance over IP, the HID Mercury Security MP2500 intelligent controller processes real-time commands and reports all activities upstream.

