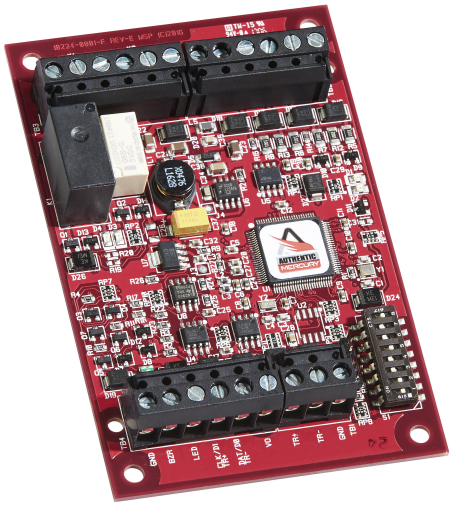
Mercury Security MR50 Interface Module

Reader and IO interface module for up to 1 door

Seamlessly integrated with the Genetec Synergis IP Access Control Solution

The Synergis™ system supports Mercury Security's open field hardware enabling organizations to deploy industry-standard access control modules and protect their investments for years to come. The MR50 single-reader interface module connects to one reader, managing one door equipped with one reader. Supporting a range of wired and wireless reader technology, the MR50 is managed by a Mercury Security EP1502, EP2500 and EP4502 controller through a high-speed RS-485 network and ultimately, the Synergis Cloud Link appliance over IP.



Mercury Security MR50 Interface Module

Synergis Cloud Link

The Synergis Cloud Link appliance is an intelligent and PoE-enabled micro-server that supports a mix of non-proprietary access control modules like the Mercury Security MR50 Interface Module connected to any Mercury Intelligent Controller over RS-485. Modernize your access control environment by deploying Synergis Cloud Link over your network and establish real-time connectivity to your doors.

Overview

- Connects to the Mercury Security controllers over high-speed RS-485 network.
- Reports all activity in real-time to Synergis Cloud Link and Mercury Security controllers
- Manages up to 1 reader, 2 general-purpose input monitor points and 2 control relays
- Reports Supervised Inputs
- Some inputs can be configured as general purpose inputs
- UL 294 recognized components
- OSDP v1 and v2 supported

Available Interfaces

Readers:
1 reader port supporting 1 reader

Inputs:
2 general purpose: programmable circuit type
1 dedicated tamper

Outputs:
Relay 1: Form–C, 5 Amp 30 Vdc
Relay 2: Form–C, 2 Amp 30 Vdc

Platinum Elite
MERCURY

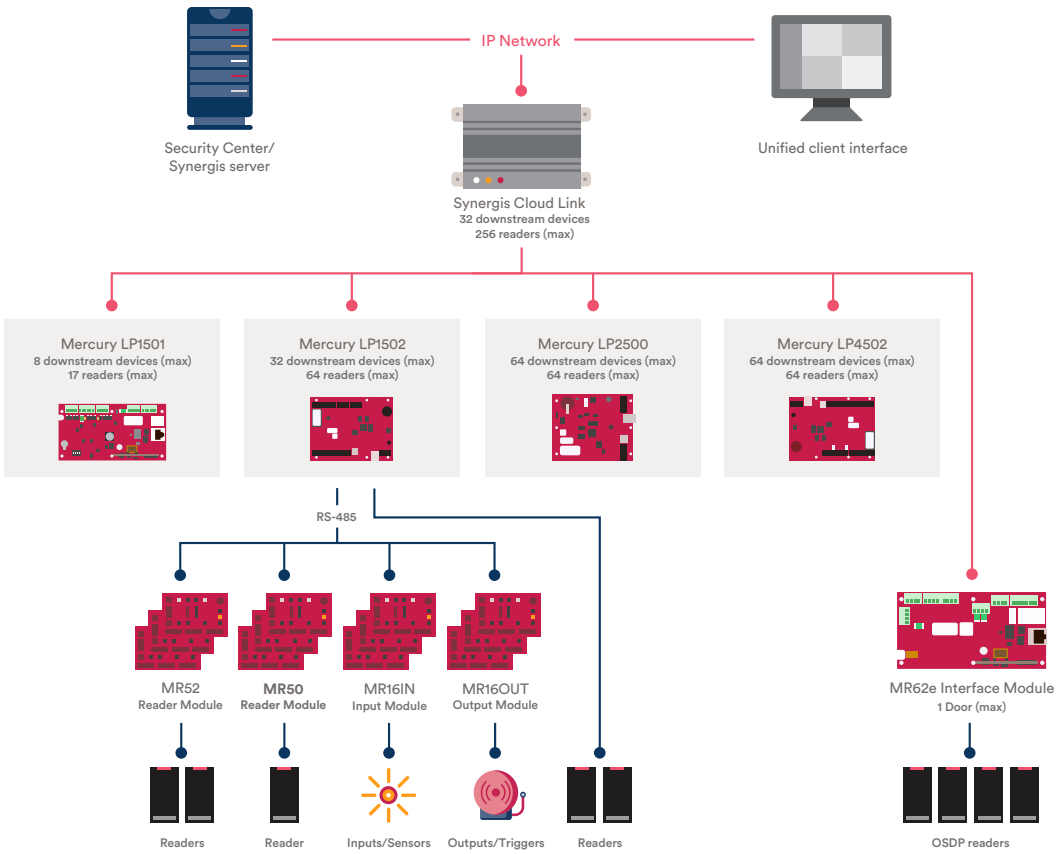
Choose the Synergis IP access control solution to protect your people and assets with your choice of widely-deployed, non-proprietary, and secure access control hardware.

Hardware specifications

Dimensions	2.75 in × 4.25 in × 1.0 in (70 mm × 108 mm × 25.4 mm)
Operating Temperature	-40 - 75°C operational, -55-85°C storage
Communications Ports	RS–485, 2-wire, 4,000’
Certifications	UL 294 Recognized, CE Compliant, RoHS, EN-60839-11-1
Warranty	24-month warranty. Please refer to Genetec Sales Policy for more information

Architecture

Connected to the any Mercury Intelligent Controller over RS-485 and ultimately the Synergis Cloud Link appliance over IP, the Mercury MR50 Single-Reader Module processes real-time commands and reports all activities upstream.



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