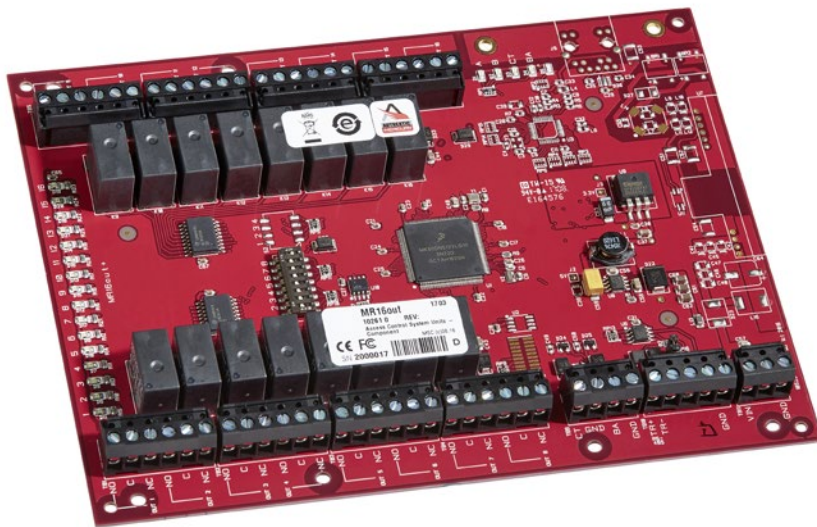Genetec™

Mercury Security MR16OUT Output Module

Output control of up to 16 devices

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 16-Output Interface Module connects up to 16 devices or relays controlled by simple contact closures. Supporting a range of wired and wireless reader technology, the MR16OUT 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 MR16OUT Output Module

Overview

Connects to the Synergis Cloud Link appliance and Mercury Security controllers over high-speed RS-485 network.

Reports all activity in real-time to Synergis Cloud Link and Mercury Security controllers

Controls outputs for up to 16 devices or relays

Reports Supervised Inputs

Outputs can be configured as general purpose outputs

UL 294 recognized components

Available Interfaces

Readers:
No onboard reaper ports

Inputs:
2 Dedicated: Tamper and Power Monitor

Outputs:
16 Relays: Form−C, 5 Amp 28Vdc

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 MR16OUT Interface Module. Modernize your access control environment by deploying Synergis Cloud Link over your network and establish real-time connectivity to your doors.

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	6.0 in × 8.0 in × 1.0 in (152 mm × 203 mm × 25 mm)	**Certifications**	UL 294 Recognized, CE Compliant, ROHSULC-S319 (See Synergis Cloud Link Hardware Installation Guide), EN-60839-11-1
Operating Temperature	0-70°C operational, -55-85°C storage		
Communications Ports	RS–485, 2-wire, 4,000'	**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 MR16OUT 16-Output Interface Module processes commands in real-time.

IP Network

Security Center/ Synergis server

Synergis Cloud Link
32 downstream devices
256 readers (max)

Unified client interface

Mercury EP1501
8 downstream devices (max)
17 readers (max)

Mercury EP1502
32 downstream devices (max)
64 readers (max)

Mercury EP2500
32 downstream devices (max)
64 readers (max)

Mercury EP4502
32 downstream devices (max)
64 readers (max)

RS-485

MR52
Reader Module

MR50
Reader Module

MR16IN
Input Module

MR16OUT
Output Module

MR51e Interface Module
1 Door (max)

Readers

Reader

Inputs/Sensors

Outputs/Triggers

Readers

Readers

MR16OUT_PS1EN