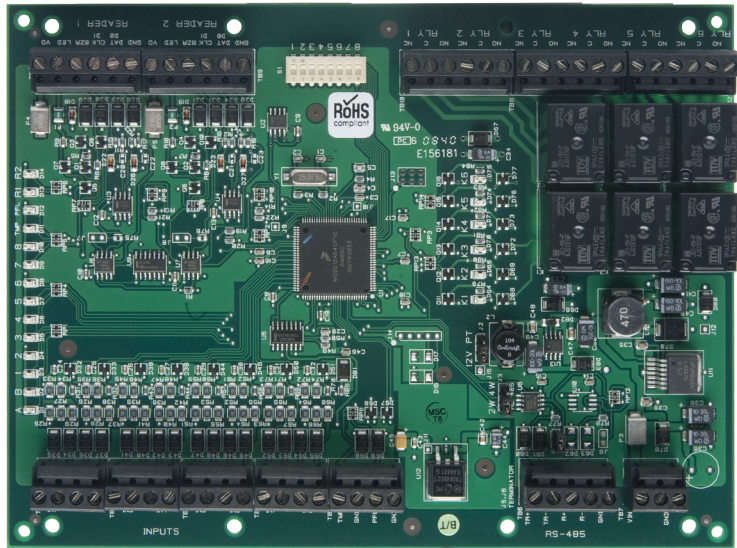


# Two Reader Interface Module



Avigilon™ Access Control Manager supports open field hardware from Mercury Security allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry standard door hardware and card readers, including contact/contactless smart card, proximity, magnetic stripe and barcode.

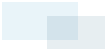
CONTROLLERS



The AC-MER-CON-MR52 is a low cost, high performance device that provides all the I/O needed for managing two (2) controlled openings with auxiliary point control and monitoring with Avigilon's Access Control Manager (ACM). Based on the Mercury Security (MR52), each AC-MER-CON-MR52 will interface two (2) card readers, eight (8) general-purpose input monitor points and six (6) control relays to provide access control and security monitoring through the AC-MER-CONT-1DR, AC-MER-CONT-2DR or the AC-MER-CONT-64DR intelligent controllers. The result is the flexibility, versatility and reliability required for demanding access control solutions. Access Control Manager and Mercury Security open field hardware provide the ultimate platform to complete the Avigilon end-to-end security solution.

## KEY FEATURES

- Compact footprint and RS-485 connectivity
- Affordable solution for applications requiring 2 reader doors
- Onboard I/O's provide auxiliary point control and monitoring
- 12 or 24V DC input power support
- Offline reader access mode support
- 12V DC reader support with 24V DC power source
- Interfaces with a wide array of reader technologies including Wiegand, clock and data, magnetic stripe and keypads
- Supports being clustered or distributed to best suit the installation environment
- Inputs and the output relays support assignment to door related functions or to general purpose I/O
- Inputs support normally open, normally closed, supervised and non-supervised circuits
- Output relays are configurable for fail-safe or fail secure operation



# Specifications

## TECHNICAL SPECIFICATIONS

Primary Power	12-24 V DC +/- 10%, 550mA maximum 12V DC @ 450mA nominal 24V DC @ 270mA nominal
Communication	RS-485, 2-wire, 4,000' (twisted pair with shield, Belden 9841)
Reader Ports	2 Reader Ports Power: 12 V DC regulated, 125mA each reader Data Card/Keypad Clock/Data, Data-1/Data-0
Keypad	Multiplexed with card data
LED	One-wire bi-color LED support, or two-wire
Buzzer	Only with 'one-wire' LED
Inputs	8 General purpose: Programmable circuit type 2 Dedicated: Tamper and Power Monitor
Outputs	6 Relays: Form-C, 5 Amp 28V DC
Dimensions (W x L x H)	152mm x 203mm x 25mm; 6" x 8" x 1"
Temperature	Operating: 0° C to 70° C (32° F to 170° F) Storage: -55° C to 85° C (-67° F to 185° F)
Humidity	0 - 95% Relative humidity (non-condensing)
Standards	UL 294 Recognized, CE Compliant, RoHS

## ORDERING INFORMATION

AC-MER-CON-MR52	Access Platform MR52 Two Reader Interface Module (Mercury MR52)
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