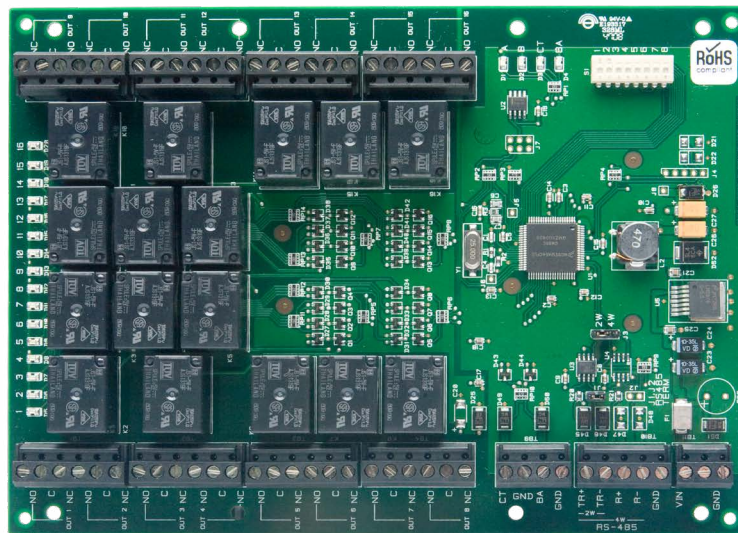


Output Control Panel

The Avigilon™ Access Control Manager (ACM)™ system 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.



The AC-MER-CON-MR16OUT is a high performance interface panel for providing the ability to control high concentrations of outputs with the Access Control Manager system from Avigilon.

Based on the Mercury Security MR16out, each AC-MER-CON-MR16OUT is capable of supporting 16 general-purpose outputs as Form C relay contacts. Each output is configurable for fail-safe or fail secure operation, supporting “On”, “Off”, and “Pulse” commands 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.

The Access Control Manager system 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
- 12 or 24 V DC input power support
- Supports being clustered or distributed to best suit the installation environment
- Output relays support assignment to door related functions or for general purpose use
- Output relays are configurable for fail-safe or fail secure operation
- Capable of controlling outboard devices, by the condition of selected system devices locally without ACM intervention



Specifications

TECHNICAL SPECIFICATIONS

Primary Power	12-24 V DC +/- 10%, 1100 mA maximum 12 V DC @ 850mA nominal 24 V DC @ 450mA nominal
Communication	RS-485, 2-wire, 4,000' (twisted pair with shield, Belden 9841)
Inputs	2 unsupervised, dedicated for cabinet tamper and UPS fault monitoring
Outputs	16 Relays: Form-C, 5 Amp 30 V DC
Cable requirements	Power: 18 AWG, 1 twisted pair RS-485: 24AWG, 120 ohm impedance, twisted pair with shield, 4,000' (1,200m) maximum Alarm inputs: 1 twisted pair, 30 ohms maximum Outputs: As required for the load
Dimensions (W x L x H)	152mm x 203mm x 25.4mm; 6" x 8" x 1"
Temperature	Operating: 0° C to 70° C (32° F to 158° 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-MR16OUT	Access Platform MR16out 16 Relay Output Control Module (Mercury MR16out)
--------------------	--

