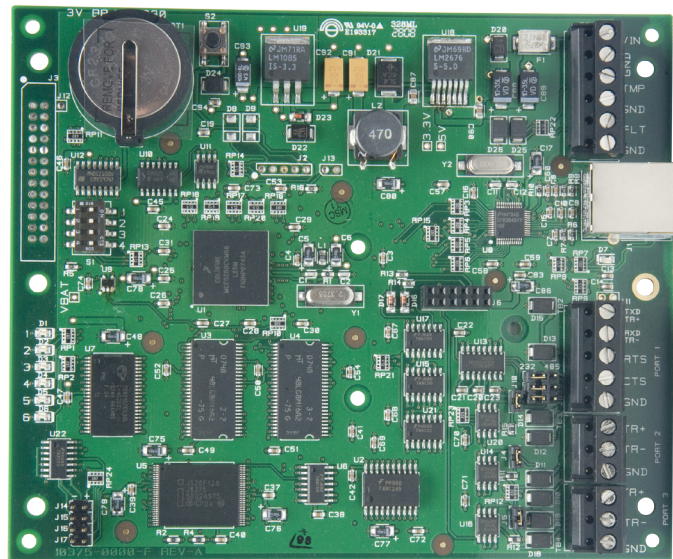


Intelligent System Controller

AVIGILON

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.



The AC-MER-CONT-64DR is a powerful, intelligent controller solution for managing up to sixty-four (64) readers with Avigilon's Access Control Manager (ACM). Based on the Mercury Security (EP2500), the AC-MER-CONT-64DR communicates with ACM via its on-board Ethernet port. The AC-MER-CONT-64DR includes two (2) downstream RS-485 ports to easily connect input, output and reader modules for up to thirty-two (32) device addresses. Offering powerful flexibility the AC-MER-CONT-64DR is capable of interfacing with a wide array of reader technologies. 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

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| Capacity for up to 64 doors |
| Decentralizes system intelligence |
| Network ready |
| Provides full local processing |
| Interfaces with a wide array of reader technologies including Wiegand, clock and data, magnetic stripe and keypads |
| Support for up to thirty-two (32) device addresses through the on board RS-485 communication ports |
| Support for the AC-MER-CON-MR50, AC-MER-CON-MR52, AC-MER-CON-MR16IN and the AC-MER-CON-MR16OUT |
| Supports for the AC-MER-CON-MR51E over Ethernet |



Specifications

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| TECHNICAL SPECIFICATIONS | Primary Power | 12-24 V DC +/- 10%, 300mA maximum |
| | Serial Ports | Primary 10/100 Ethernet <ul style="list-style-type: none"> Port 1: 2-wire RS-485 or Ethernet adapter <ul style="list-style-type: none"> Port 2: RS-485, 2-wire Port 3: RS-485, 2-wire |
| | Inputs | Two dedicated: tamper and power monitor |
| | Dimensions (W x L x H) | 127mm x 152mm 25mm; 5.0" x 6.0" x 1.0" |
| | 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 | UL294 Recognized, CE Compliant, RoHS, FCC Part 15 Class A, NIST Certified Encryption |

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| TECHNICAL FEATURES | Connectivity | Primary Port: 10/100 Ethernet IP Server, IP Client, DHCP Client HTTP, TLS, X.509, SNMP |
| | Access Control | <ul style="list-style-type: none"> 370,000 cardholder capacity; 50,000 Transaction buffer. 16 Access Levels per controller. 8 digit PIN number maximum Activation/Deactivation Dates. If/Then Macro capability |
| | Card Formats | 8 active card formats per appliance — CAC, TWIC card compatible. Anti-passback support — Nested area, hard, soft, or timed |

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| ORDERING INFORMATION | AC-MER-CONT-64DR | Access Platform EP2500 Door Controller (Mercury EP2500) |
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