

# Trove1M1R

## Rack Access and Power Integration Solution for Mercury



Altronix Trove1M1R consists of a high-capacity rack enclosure with removable backplane. This unit easily combines Altronix power/accessories with various combinations of Mercury\* boards in a streamlined package. Trove simplifies board layout and wire management, reducing installation time and labor costs.

**\*Also compatible with these authentic Mercury partners:**  
 AccessNsite, Avigilon, BadgePass, BluBox, Feenics, Genetec, Identocard, IMRON, Johnson Controls, Kastle, Keri Systems, Lenel/S2, LockState, Maxxess, Midpoint Security, NLSS, Open Options, Panasonic Video Insight, Quintron, RS2, Schneider Electric, Vanderbilt



Trove1M1R with Altronix power supply and sub-assemblies and Mercury controllers



Trove1M1R with Mercury controllers

*\* Boards are not included*

### Trove1M1R (Trove1R Enclosure + TM1R Backplane) and TM1R (Backplane) Features

- Accommodates the following Mercury controllers with or without Altronix power/accessories:
  - Up to four (4) LP1502, MR52, MR16IN or MR16OUT
  - Altronix Power Supplies, Sub-Assemblies
- Includes Altronix Trove1R Rack Enclosure & one (1) removable TM1R backplane

#### Agency Listings

CE European Conformity

#### Features

- Power status LED for use where power and access control boards share the same enclosure
- Simplifies board layout and wire management
- Convenient knockout configuration:
  - Four (4) double knockouts - 3/4" Conduit and 1" Conduit
  - Two (2) double knockouts - 1/2" Conduit and 3/4" Conduit
- 2U drawer on extendable rails
- Included Z Bracket facilitates ease of wiring
- Black powder coated steel enclosure
- Includes cam lock, tamper switch, IEC320 connector and mounting hardware

#### Physical and Environmental:

##### Trove1M1R

###### Dimensions (H x W x D):

Modular 2U standard EIA 19" rack mount chassis  
 Enclosure:  
 3.25" x 19.0" x 26.5" (82.6mm x 482.6mm x 673.1mm)  
 Shipping:  
 31" x 23" x 8.25" (787.4mm x 584.2mm x 209.6mm)

###### Weights (approx.):

Product: 18 lb. (8.16 kg)  
 Shipping: 23 lb. (10.43 kg)

##### TM1R

###### Dimensions (H x W x D):

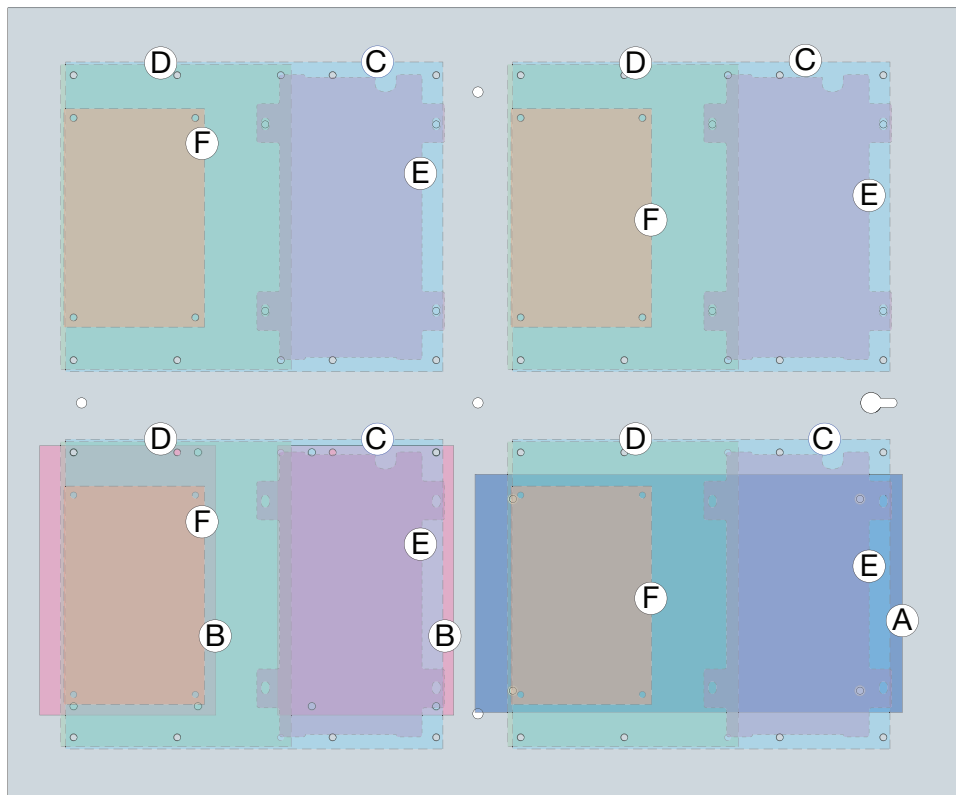
Backplane:  
 18.5" x 15.25" x 0.375" (469.9mm x 387.4mm x 9.5mm)  
 Shipping:  
 18.0" x 13.75" x 1" (457mm x 350mm x 26mm)

###### Weight (approx.)

Product: 4.5 lb. (2.04 kg)  
 Shipping: 5.2 lb. (2.36 kg)

**Access Controller Position Chart for the Following Models:**

Altronix / Mercury	Pem Mounting
AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600ULXBV, AL1012ULXB, AL1012ULXBV, AL1024ULXB2, AL1024ULXB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV	(A)
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB	(B)
LP1502, LP4502, MR52, MR16IN, MR16OUT	(C)
LP2500, MUX8	(D)
LP1501, MR62e	(E)
MR50	(F)



**Accessories (order separately)**



**WM5, WM25, WM100 - Magnetic Cable Tie Mounts**

Altronix WM5, WM25, and WM100 are packs of 5, 25 or 100 magnetic cable tie mounts respectively. They accommodate standard zip ties or velcro straps. These are ideal for wire management in our Trove series.



**RE2 - Rack Mount Battery Enclosure**

RE2 accommodates up to four (4) 12VDC/7AH batteries.



**LC3 - Line Cord**

18 AWG gauge 6 ft. three-wire line cord with IEC Connector

**Dimensions and Drawing**

Dimensions (H x W x D approximate)

3.25" x 19.0" x 26.5" (82.6mm x 482.6mm x 673.1mm)

