

Trove3M3 (Enclosure & Backplane) / TM3 (Backplane)

Access & Power Integration Solution for Mercury



Altronix Trove™ enclosures and backplanes let you easily integrate Altronix power with Mercury access controllers and accessories. Trove simplifies board layout and wire management, reduces 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



Trove3M3

Boards are not included

Trove3M3 (Trove3 Enclosure + TM3 Backplane) TM3 (Backplane) Features

- Accommodates the following Mercury access controllers with or without Altronix power/accessories:
 - Mercury: LP1502, MR52, MR16IN, MR16OUT, LP2500, MUX8, and Genetec Synergis Cloud Link
 - Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove3 enclosure and one (1) removable TM3 backplane

Features

- Simplifies board layout and wire management
- Convenient knockout configuration:
 - One (1) single knockout 2.415" (2" Conduit)
 - Two (2) double knockouts 1.948" (1.5" Conduit) / 1.701" (1.25" Conduit)
 - Thirteen (13) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Accommodates up to four (4) 12VDC/12AH batteries
- 16 AWG powder coated steel
- Includes cam lock, tamper switch and mounting hardware

Agency Listings

- UL: UL294 - Access Control System.
- cUL: CAN/ULC - s319-05 - Electronic Access Control Systems
- CE European Conformity

Physical and Environmental

Trove3M3 - Dimensions (H x W x D):

- Enclosure: 36.12" x 30.12" x 7.06" (918mm x 768mm x 179mm)
- Shipping: 40.75" x 35.25" x 12.0" (1,035mm x 896mm x 305mm)

Trove3M3 - Weights (approx.):

- Product: 80.0 lb. (36.29 kg)
- Shipping: 92.0 lb. (41.73 kg)

TM3 - Dimensions (H x W x D):

- Backplane: 34.0" x 28.0" x 0.3125" (864mm x 711mm x 8mm)
- Shipping: 36.0" x 30.0" x 1.25" (915mm x 762mm x 32mm)

TM3 - Weights (approx.):

- Product: 20.0 lb. (9.1 kg)
- Shipping: 25.0 lb. (11.74 kg)

Also Available (order separately)

TMV2 Door Backplane Features

- Accommodates the following Mercury controllers:
 - Mercury: LP1502, MR52, MR16IN, MR16OUT, LP2500, MUX8, and Genetec Synergis Cloud Link

Agency Listings

- UL: UL294 - Access Control System
- cUL: CAN/ULC - s319-05 - Electronic Access Control Systems
- CE European Conformity

Features

- Simplifies board layout and wire management
- 16 AWG galvanized steel

Physical and Environmental

Dimensions (H x W x D):

- Backplane: 23.75" x 18.125" x 0.3125" (603.3mm x 460mm x 8mm)
- Shipping: 26.5" x 20.5" x 1.25" (673mm x 521mm x 32mm)

Weights (approx.):

- Product: 8.0 lb. (3.63 kg)
- Shipping: 10.0 lb. (4.53 kg)

All registered trademarks are property of their respective owners.

Accessories (order separately)



WM5

WM5, WM25, WM100 - Magnetic Cable Tie Mounts

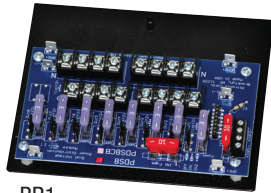
Altronix WM5, WM25, and WM100 are packs of 5, 25 or 100 magnetic cable tie mounts respectively. They accommodate standard zip ties or velcro straps. These are ideal for wire management in our Trove series.



Mounting Magnet

MM4, MM8, MM12, MM24 - Magnetic Mounting Solution

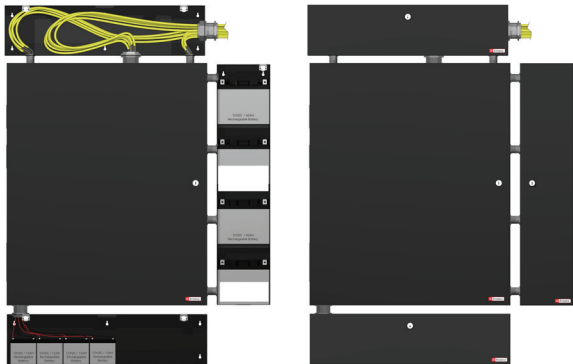
Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/ accessories in any metal enclosure or backplane.



BR1

BR1 - Sub-Assembly Mounting Bracket

Altronix BR1 mounting bracket is compatible with Altronix Maximal and Trove enclosures. It allows to mount one (1) PD4UL(CB), PD8UL(CB), ACM4(CB), MOM5, VR6, PDS8, NetWay5B or LINQ8PD(CB) sub-assembly on the enclosure's inside wall, saving valuable space.



Typical battery/wiring setup with Trove3 Enclosure (not included)

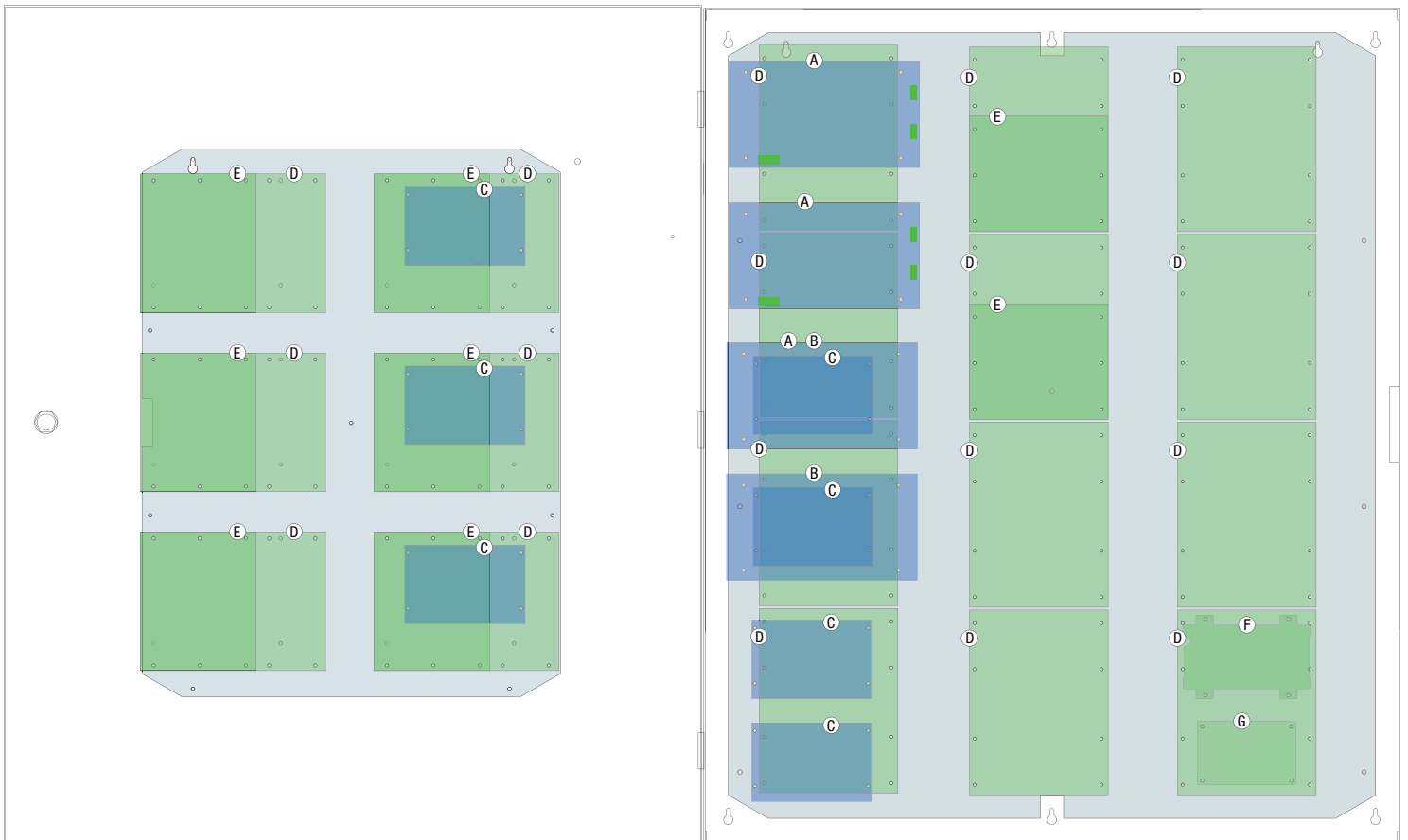
TROVE3BWC / TROVE3SWC - Battery/Wire Trough Enclosure

Altronix Trove3BWC and Trove3SWC are dual-purpose enclosures that can be used as wiring troughs or battery cabinets when mounted above or below (Trove3BWC) or on either side (Trove3SWC) of the Trove integrated power and access solution. The knockouts on the Trove3BWC and Trove3SWC have been strategically placed to line up with the Trove3 allowing for easy conduit connections between cabinets. Trove3BWC and Trove3SWC include cam locks and 2 tamper switches each to ensure access to wiring and batteries is secure.

Access Controller Position Chart for the Following Models:

Altronix / Mercury	Pem Mounting
AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600XB220, AL1012ULXB, AL1012XB220, AL1024ULXB2, AL1024XB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV, Tango1B	(A)
ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMCB	(B)
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6, GB1 (accommodates Genetec Synergis Cloud Link)	(C)
LP1502, LP4502, MR52, MR16IN, MR16OUT	(D)
LP2500, MUX8	(E)
LP1501, MR62e	(F)
MR50	(G)

TMV2 Door Backplane (Order Separately)



Dimensions and Drawing

Dimensions (H x W x D approximate)
 36.12" x 30.12" x 7.06" (917.5mm x 768.1mm x 179.3mm)

