

Trove2M2 (Enclosure & Backplane) / TM2 (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, Identicard, IMRON, Johnson Controls, Kastle, Keri Systems, Lenel/S2, LockState, Maxxess, Midpoint Security, NLSS, Open Options, Panasonic Video Insight, Quintrion, RS2




Trove2M2

Boards are not included

Trove2M2 (Trove2 Enclosure + TM2 Backplane) TM2 (Backplane) Features

- Accommodates the following Mercury controllers with or without Altronix power/accessories:
 - Mercury: LP1502, MR52, MR16IN, MR16OUT, LP2500, MUX8, MR51e, LP1501, MR50, and Genetec Synergis Cloud Link
 - Altronix Power Supplies
 - Altronix Sub-Assemblies
- Includes Altronix Trove2 Enclosure and one (1) removable TM2 backplane

Features

- Simplifies board layout and wire management
- Convenient knockout configuration:
 - One (1) single knockout 2.415" (2" Conduit)
 - Sixteen (16) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Accommodates up to four (4) 12VDC/12AH batteries
- 16 Gauge 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

Trove2M2 - Dimensions (H x W x D):

Enclosure: 27.25" x 21.5" x 6.5" (692mm x 546mm x 165mm)
 Shipping: 32.5" x 26.5" x 11.125" (826mm x 673mm x 283mm)

Trove2M2 - Weights (approx.):

Product: 37.1 lb. (16.83 kg)
 Shipping: 40.85 lb. (18.53 kg)

TM2 - Dimensions (H x W x D):

Backplane: 25.375" x 19.375" x 0.3125" (645mm x 492mm x 8mm)
 Shipping: 26.5" x 20.5" x 1.25" (673mm x 521mm x 32mm)

TM2 - Weights (approx.):

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

Also Available (order separately)

TMV2 Door Backplane

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

Features

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

Agency Listings

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

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.):

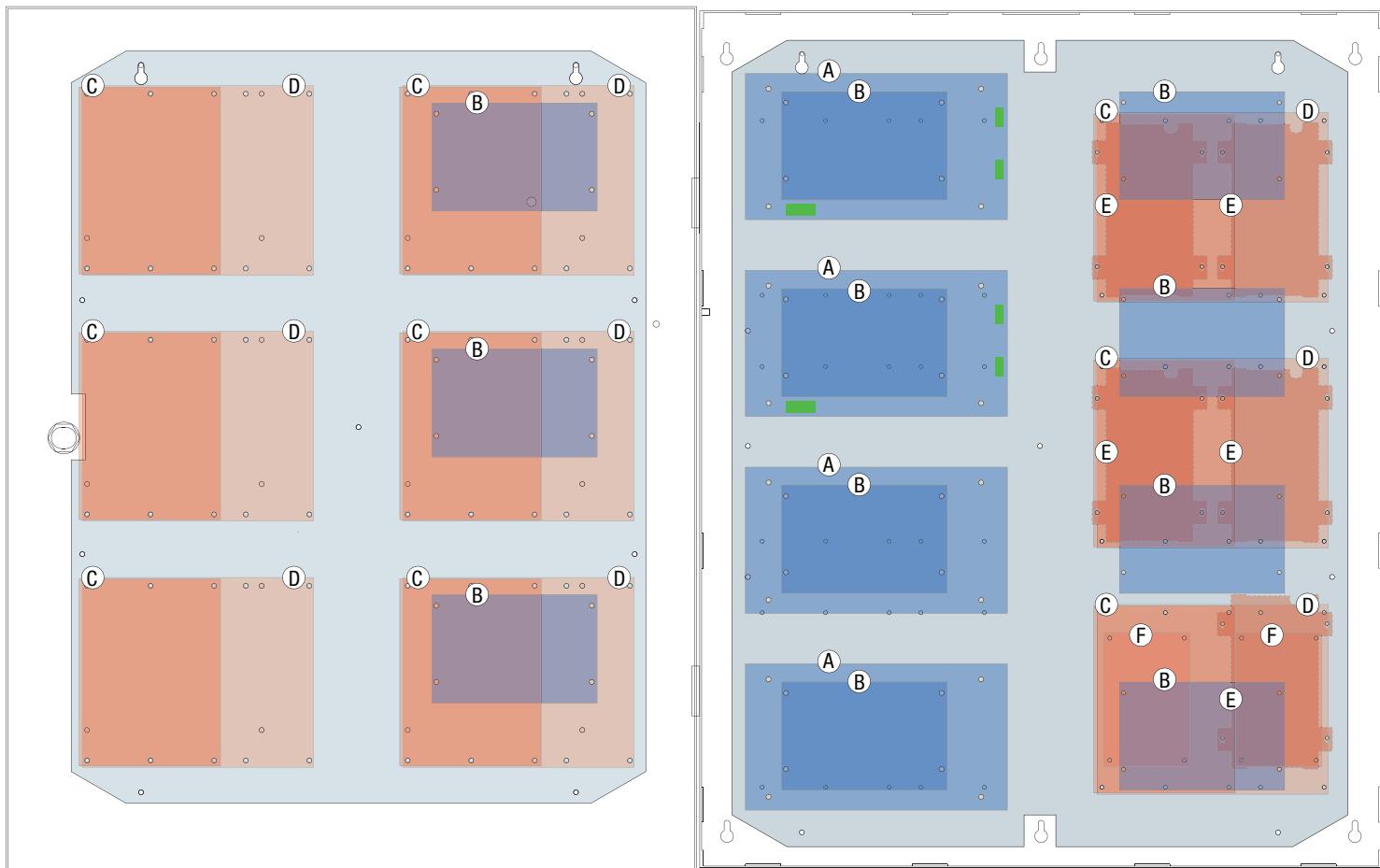
Product: 8.0 lb. (3.63 kg)
 Shipping: 10.0 lb. (4.53 kg)

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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, ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMBC	(A)
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6, GB1 (accommodates Genetec Synergis Cloud Link)	(B)
LP2500, MUX8	(C)
LP1502, LP4502, MR52, MR16IN, MR16OUT	(D)
LP1501, MR62e	(E)
MR50	(F)

Tmv2 Door Backplane (Order Separately)



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.

**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.

Mounting Magnet

**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.

Trove2BWC with batteries

**TROVE2BWC - Battery/Wire Trough Enclosure**

Altronix Trove2BWC is a dual-purpose enclosure that can be used as wiring trough or battery cabinet when mounted above or below of the Trove2 integrated power and access solution. The knockouts on the Trove2BWC have been strategically placed to line up with the Trove2 allowing for easy conduit connections between cabinets. Trove2BWC includes cam locks and 2 tamper switches to ensure access to wiring and batteries is secure.

Trove2BWC with wires



Dimensions and Drawing
Dimensions (H x W x D approximate)

27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)

