Altronix®

Trove2M2DB (Enclosure & Two (2) Backplanes)
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, Quintron, RS2

Trove2M2DB

Boards are not included

Trove2M2DB (Trove2 Enclosure + TM2 Backplane + TMV2 Door 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, one (1) removable TM2 backplane and one (1) removable TMV2 door backplane

Features
- Simplifies board layout and wire management
- Convenient knockout configuration:
  - One (1) double knockout
    1.948" (1-1/2" Conduit) / 1.701" (1-1/4" Conduit)
  - Nine (9) 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
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)

Weights (approx.):
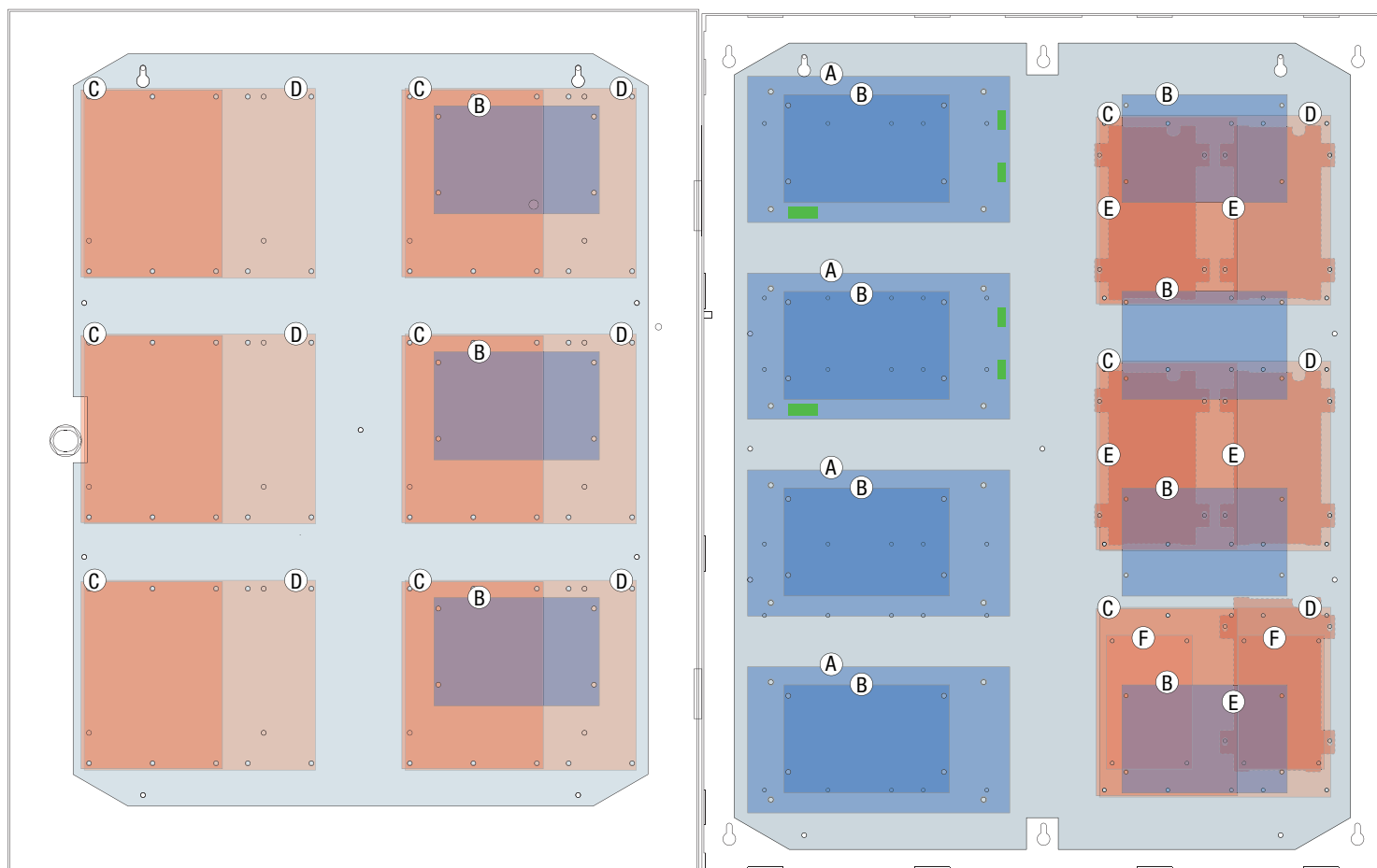|	
Product:	45.1 lb. (20.46 kg)
Shipping:	49.2 lb. (22.32 kg)

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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, LINQ8ACMCB	Ⓐ
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6, GB1 (accommodates Genetec Synergis Cloud Link)	Ⓑ
LP2500, MUX8	Ⓒ
LP1502, LP4502, MR52, MR16IN, MR16OUT	Ⓓ
LP1501, MR62e	Ⓔ
MR50	Ⓕ

TMV2 Door Backplane (Included)

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.

Trove2BWC with batteries

Trove2BWC with wires

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.

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TR□VE™

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)

21.50" (546.1mm)

2.00" (50.8mm)   5.25" (133.35mm)   3.5"(88.9mm)   3.5"(88.9mm)   5.25" (133.35mm)   2.00" (50.8mm)

0.685" (17.4mm)

1.25" (31.8mm)

0.5625" (14.3mm)

1.77" (45mm)

Knockouts 1.125" (28.3mm)

6.25" (158.8mm)

⌀ 2.415" (61.3mm)   0.885" (22.5mm)

1.5" (38.1mm)

19.80" (502.9mm)

6.25" (158.8mm)

1.25" (31.8mm)

2.00" (50.8mm)

6.75" (171.5mm)

27" (685.8mm)

8.25" (209.5mm)

8.00" (203.2mm)

0.85" (21.6mm)

2.00" (50.8mm)

1.00" (25.4mm)

1.25" (31.8mm)

1.25" (31.8mm)

2.00" (50.8mm)   5.25" (133.4mm)   7.00" (177.8mm)   5.25" (133.4mm)   2.00" (50.8mm)