

# Trove3DR3 (Enclosure & Backplane) / TV3 (Backplane)

Access & Power Integration Solution for DIN Rail Mountable Products



Altronix Trove3DR3 is designed to easily combine Altronix power and sub-assemblies with DIN Rail mountable products such as access controllers, building automation modules, network switches, utility boxes, terminal blocks and more. The removable backplane accommodates various lengths of DIN Rail to mount in vertically or horizontally, for any security or industrial application.



Trove3DR3

*Boards are not included*

## Trove3DR3 (Trove3 Enclosure + TV3 Backplane) TV3 (Backplane) Features

- Accommodates DIN Rail access controllers with or without Altronix power/accessories:
  - D10, D12, D19 (four included), D24
- Includes Altronix Trove3 enclosure and one (1) removable TV3 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 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

#### Trove3DR3 - 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)

#### Trove3DR3 - Weights (approx.):

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

#### TV3 - 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)

#### TV3 - Weights (approx.):

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

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**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**

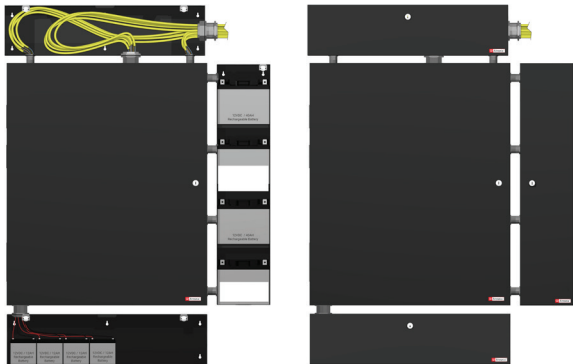
Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/ accessories in any metal enclosure or backplane.



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**

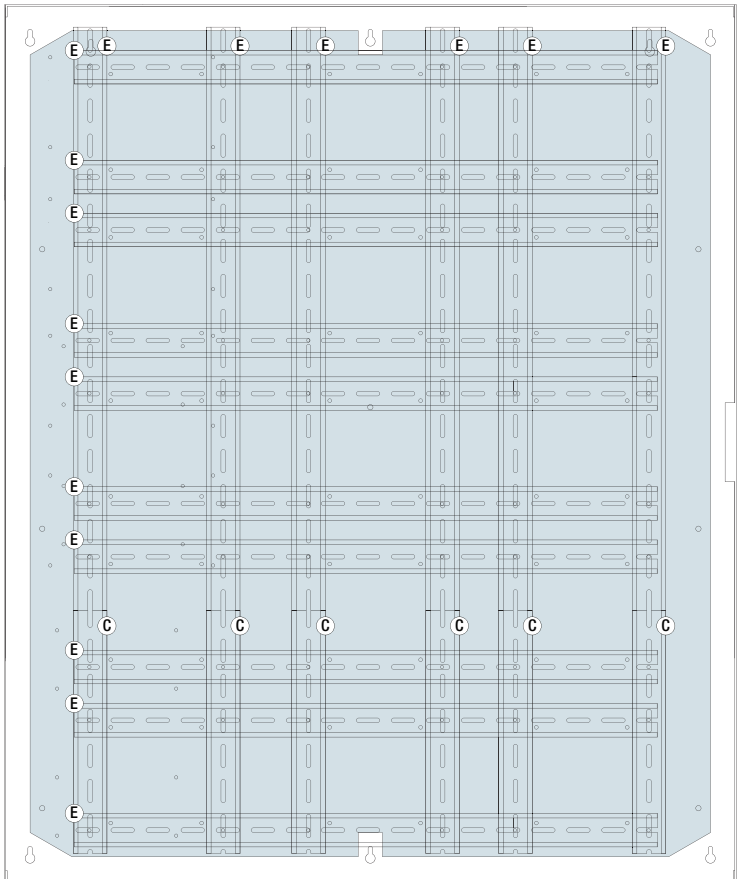
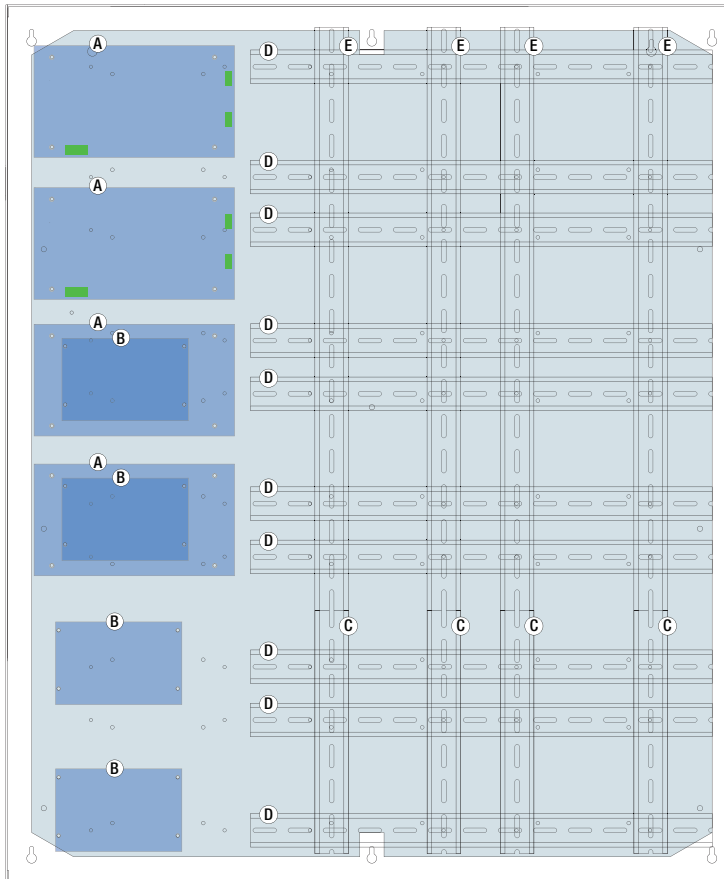
Altronix Trove3BWC and Trove3SWC are dual-purpose enclosures that can be used as wiring troughs or battery cabinets when mounted above or below (Trove3BWC) or on either side (Trove3SWC) of the Trove integrated power and access solution. The knockouts on the Trove3BWC and Trove3SWC have been strategically 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 Boards / DIN Rail	Pem Mounting
AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600XB220, AL1012ULXB, AL1012XB220, AL1024ULXB2, AL1024XB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV, Tango1B, ACM8, ACM8CB, ACMS8, ACMS8CB, LINQ8ACM, LINQ8ACMCB	(A)
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6	(B)
D10	(C)
D19 (four (4) included)	(D)
D24	(E)

**With Altronix Boards and DIN Rail**

**With DIN Rail Only**



**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)

