

## Trove2V2 (Enclosure & Backplane) / TV2 (Backplane)

Access & Power Integration Solution for HID Aero



Altronix Trove™ enclosures and backplanes let you easily integrate Altronix power with HID Aero™ access controllers and accessories. Trove simplifies board layout and wire management, reduces installation time and labor costs.



Trove2V2 - Aero  
modules with cases

Trove2V2 Aero  
modules without cases

*Boards are not included*

### Trove2V2 (Trove2 Enclosure + TV2 Backplane) TV2 (Backplane) Features

- Accommodates the following HID Aero™ controllers with or without Altronix power/accessories:
  - HID Aero™ X100, X200, X300, X1100 (can be mounted with and without case onto TV2 only) and Genetec Synergis Cloud Link
  - Altronix Power Supplies
  - Altronix Sub-Assemblies
- Includes Altronix Trove2 enclosure and one (1) removable TV2 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

##### Trove2V2 - 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)

##### Trove2V2 - Weights (approx.):

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

##### TV2 - 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)

##### TV2 - 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 HID Aero™ controllers:
  - HID Aero™ X100, X200, X300, X1100 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.):

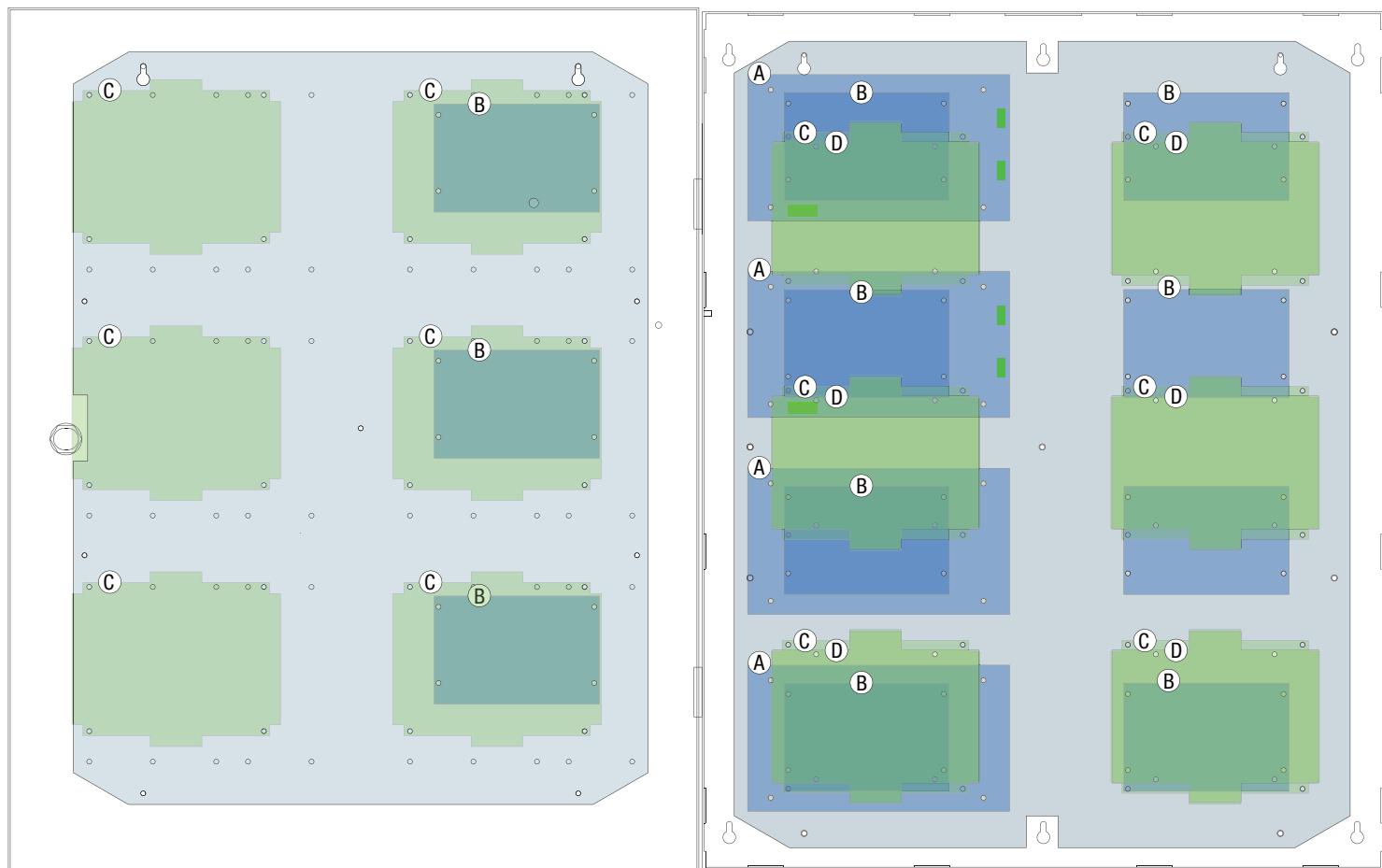
- Product: 8.0 lb. (3.63 kg)  
Shipping: 10.0 lb. (4.53 kg)

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

Altronix / HID Aero	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	(A)
ACM4, ACM4CB, ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMCB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6, GB1 (accommodates Genetec Synergis Cloud Link)	(B)
Aero™: X100, X200, X300, X1100	(C)
Aero™: X100, X200, X300, X1100 (without case on TV2 only)	(D)

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)

