Altronix®

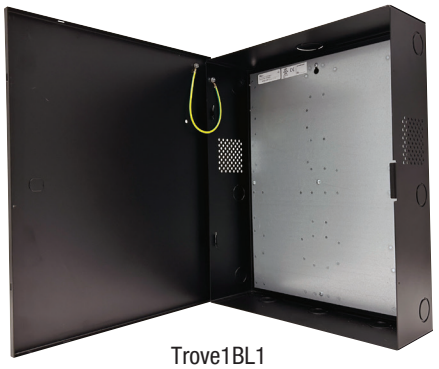
Rev. 06132025

Trove1BL1 (Enclosure & Backplane) **/ TBL1** (Backplane)

Access & Power Integration Solution

TROVE™

Altronix Trove1BL1/TBL1 let you easily integrate Altronix power and accessories with any manufacturer's boards, equipment, or accessories. These models allow you the option of utilizing Altronix mounting magnets (MM4, MM8, MM12, MM24 – sold separately) to avoid drilling, or drilling your own mounting holes to accommodate access controller boards, power supplies and accessories to customize your own access system. Trove simplifies board layout and wire management, reducing installation time and labor costs.



Trove1BL1

Trove1BL1 (Trove1 Enclosure + TBL1 Backplane) TBL1 (Backplane) Features

- Accommodates any manufacturer's boards and equipment
- Includes Altronix Trove1 enclosure and one (1) removable TBL1 backplane

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
- Convenient knockout configuration:
  - One (1) single knockout 1.948" (1-1/2" Conduit)
  - Nine (9) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Accommodates up to two (2) 12VDC/7AH batteries
- 16 Gauge powder coated steel
- Includes cam lock, tamper switch and mounting hardware

Physical and Environmental

Trove1BL1 - Dimensions (H x W x D):

Enclosure:
18.0" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm)
Shipping:
21.75" x 18.25" x 5.75" (553mm x 464mm x 146mm)

Trove1BL1 - Weights (approx.):

Product: 15.15 lb. (6.87 kg)
Shipping: 19.05 lb. (8.64 kg)

TBL1 - Dimensions (H x W x D):

Backplane:
16.625" x 12.5" x 0.06" (422.3mm x 317.5mm x 1.5mm)
Shipping:
18.0" x 13.75" x 1" (457mm x 350mm x 26mm)

TBL1 - Weights (approx.):

Product: 3.35 lb. (1.52 kg)
Shipping: 4.0 lb. (1.81 kg)

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.

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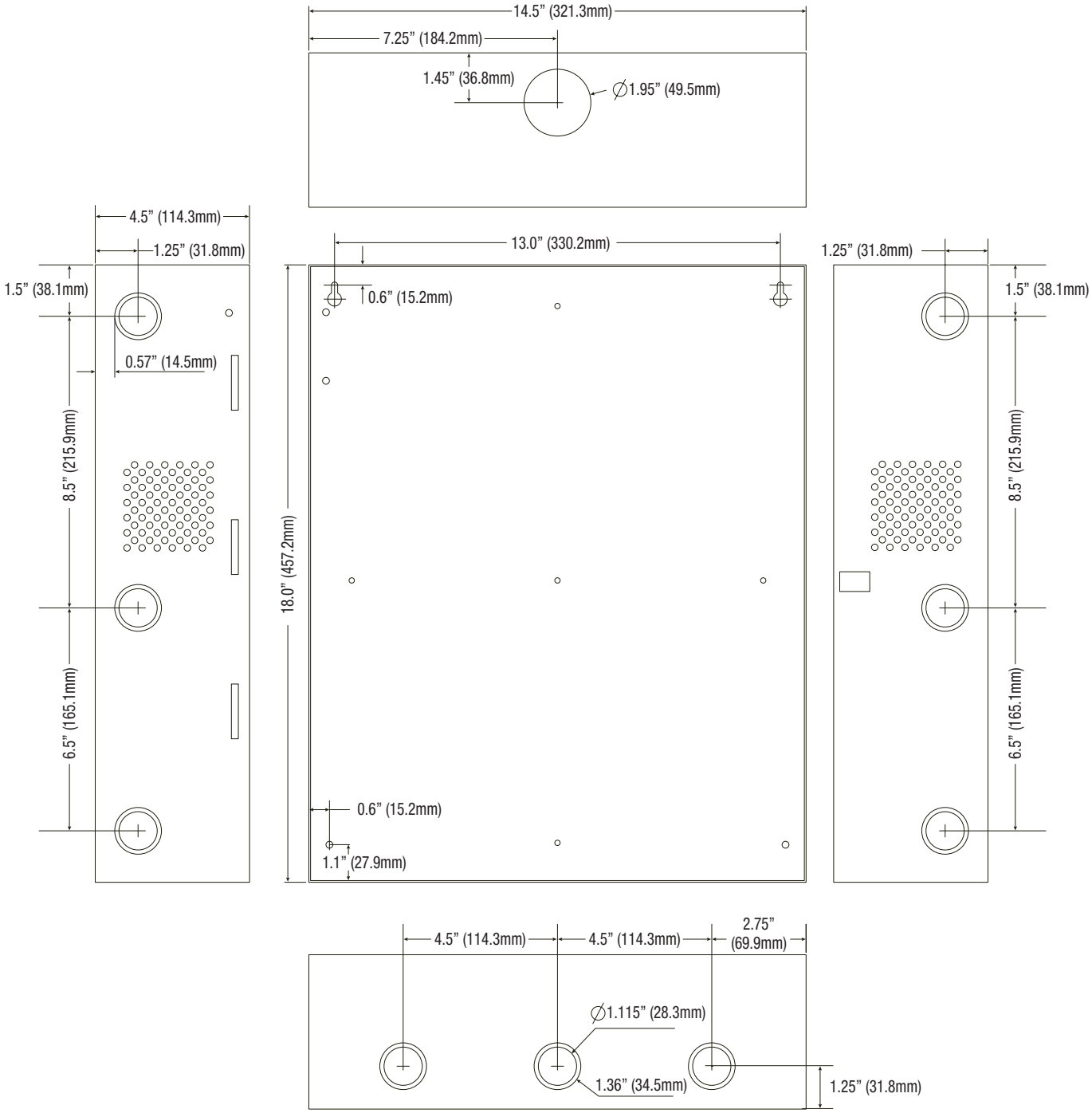
Trove1BL1 (Enclosure & Backplane) / TBL1 (Backplane)

Access & Power Integration Solution

Dimensions and Drawing

Dimensions (H x W x D approximate)

18.0” x 14.5” x 4.625” (457.2mm x 368.3mm x 117.5mm)



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