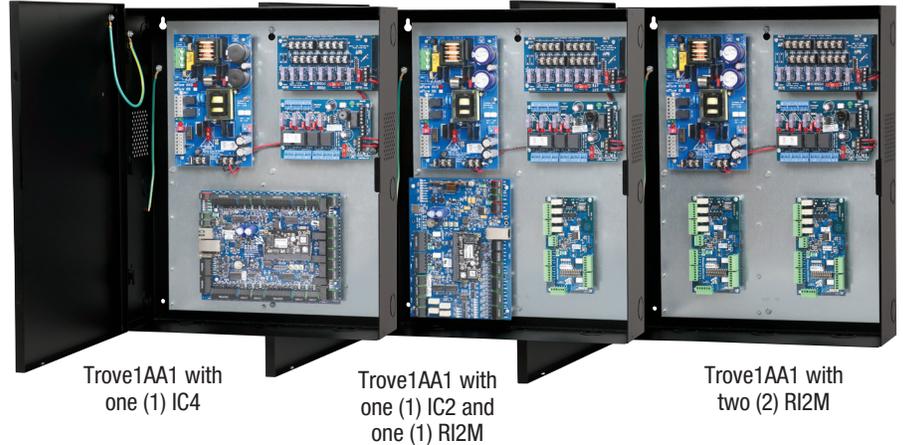# Altronix®

Trove1AA1 (Enclosure & Backplane) / TAA1 (Backplane)
Access & Power Integration Solution for Azure

TR⬜VE™

Altronix Trove1AA1 consists of a high-capacity enclosure with removable backplane. This unit easily combines Altronix power/accessories with various combinations of Azure modules in a streamlined package. Trove simplifies board layout and wire management, reducing installation time and labor costs.

AZURE
Access Technology™

Trove1AA1 with one (1) IC4

Trove1AA1 with one (1) IC2 and one (1) RI2M

Trove1AA1 with two (2) RI2M

Boards are not included

Trove1AA1 (Trove1 Enclosure + TAA1 Backplane) TAA1 (Backplane) Features

- Accommodates the following Azure boards:
  - one (1) IC4
  - one (1) IC2 and one (1) RI2M
  - two (2) RI2M
  with or without Altronix power/accessories
- Includes Altronix Trove1 enclosure and one (1) removable TAA1 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

Trove1AA1 - 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)

Trove1AA1 - Weights (approx.):
Product: 15.15 lb. (6.87 kg)
Shipping: 19.05 lb. (8.64 kg)

TAA1 - Dimensions (H x W x D):
Backplane:
    16.625" x 12.5" x 0.06" (422.3mm x 317.5mm x 1.5mm)
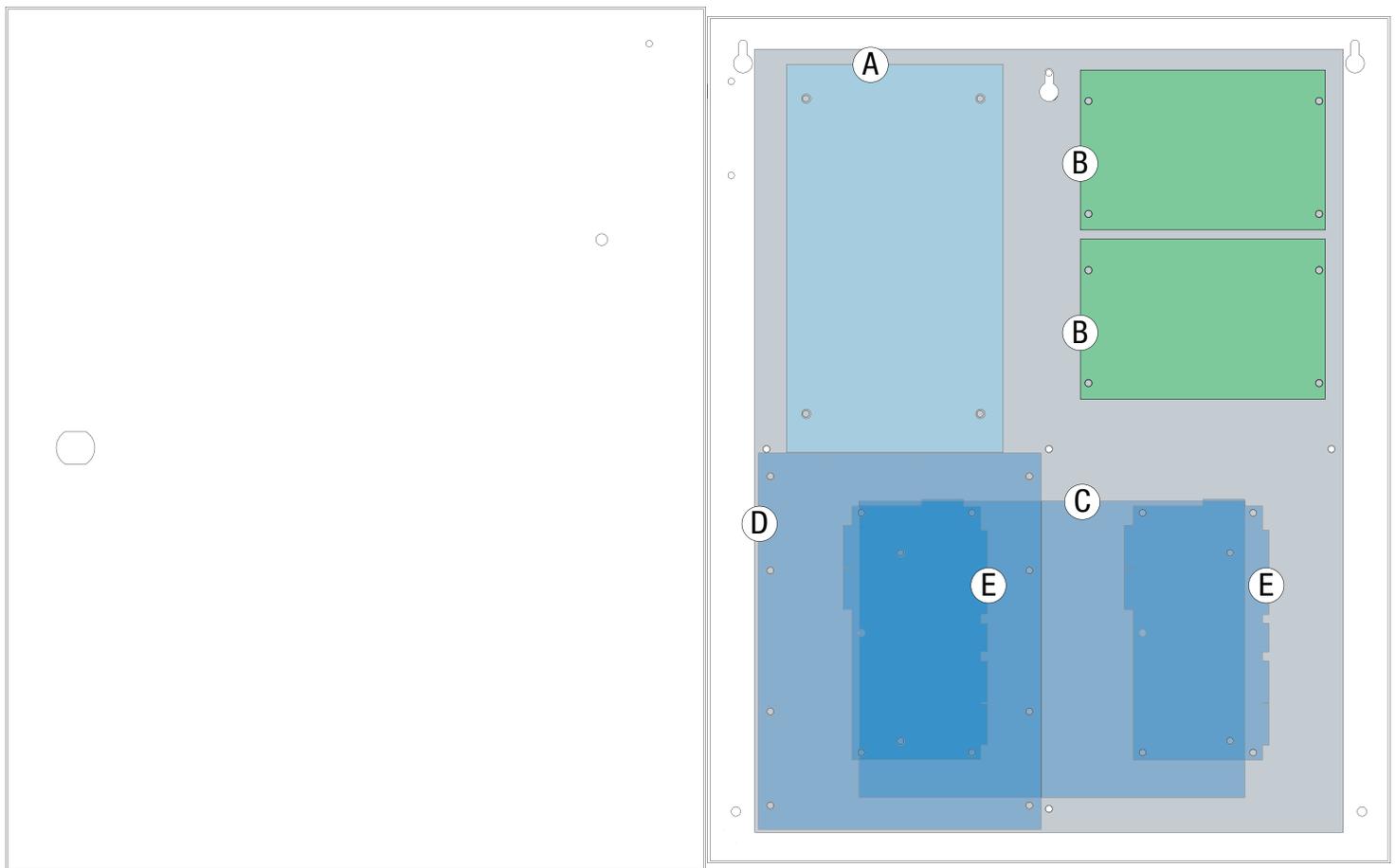Shipping:
    18.0" x 13.75" x 1" (457mm x 350mm x 26mm)

TAA1 - Weights (approx.):
Product: 3.35 lb. (1.52 kg)
Shipping: 4.0 lb. (1.81 kg)

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Access Controller Position Chart for the Following Models:

Altronix / Azure	Pem Mounting
AL400ULXB2, AL400XB2V, AL600ULXB, AL600XB220, AL1012ULXB, AL1012XB220, AL1024ULXB2, AL1024XB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV, Tango1B	Ⓐ
ACM4(CB), LINQ8PD(CB), MOM5, PD4UL(CB), PD8UL(CB), PDS8(CB), PDS16(CB), VR6, VR10	Ⓑ
IC4	Ⓒ
IC2	Ⓓ
RI2M	Ⓔ

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.

WM5

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

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)

14.5" (321.3mm)
7.25" (184.2mm)
1.45" (36.8mm)
⌀1.95" (49.5mm)

4.5" (114.3mm)
1.25" (31.8mm)
1.5" (38.1mm)
0.57" (14.5mm)
8.5" (215.9mm)
6.5" (165.1mm)

13.0" (330.2mm)
0.6" (15.2mm)
18.0" (457.2mm)
0.6" (15.2mm)
1.1" (27.9mm)

1.25" (31.8mm)
1.5" (38.1mm)
8.5" (215.9mm)
6.5" (165.1mm)

4.5" (114.3mm)
4.5" (114.3mm)
2.75" (69.9mm)
⌀1.115" (28.3mm)
1.36" (34.5mm)
1.25" (31.8mm)