Altronix®

Rev. 11022023

Trove2IR2 (Enclosure & Backplane) **/ TIR2** (Backplane)

Access & Power Integration Solution for Inner Range

TROVE™

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

inner range

Trove2IR2

Boards are not included

Trove2IR2 (Trove2 Enclosure + TIR2 Backplane) TIR2 (Backplane) Features

- Accommodates the following Inner Range controllers with or without Altronix power/accessories:
  - Integriti Security Controller, Integriti Access Controller, Integriti Intelligent LAN Access modules, Integriti Standard LAN Access modules, Integriti 8-32 Zone LAN I/O Expander Modules, Standard LAN Access Modules, 8 Zone Expansion Device, Unibus 8 Relay Expander modules, Unibus 8 Relay Auxiliary Expander
  - Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove2 enclosure and one (1) removable TIR2 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

Trove2IR2 - 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)

Trove2IR2 - Weights (approx.):
Product: 37.1 lb. (16.83 kg)
Shipping: 40.85 lb. (18.53 kg)

TIR2 - 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)

TIR2 - Weights (approx.):
Product: 8.0 lb. (3.63 kg)
Shipping: 10.0 lb. (4.53 kg)

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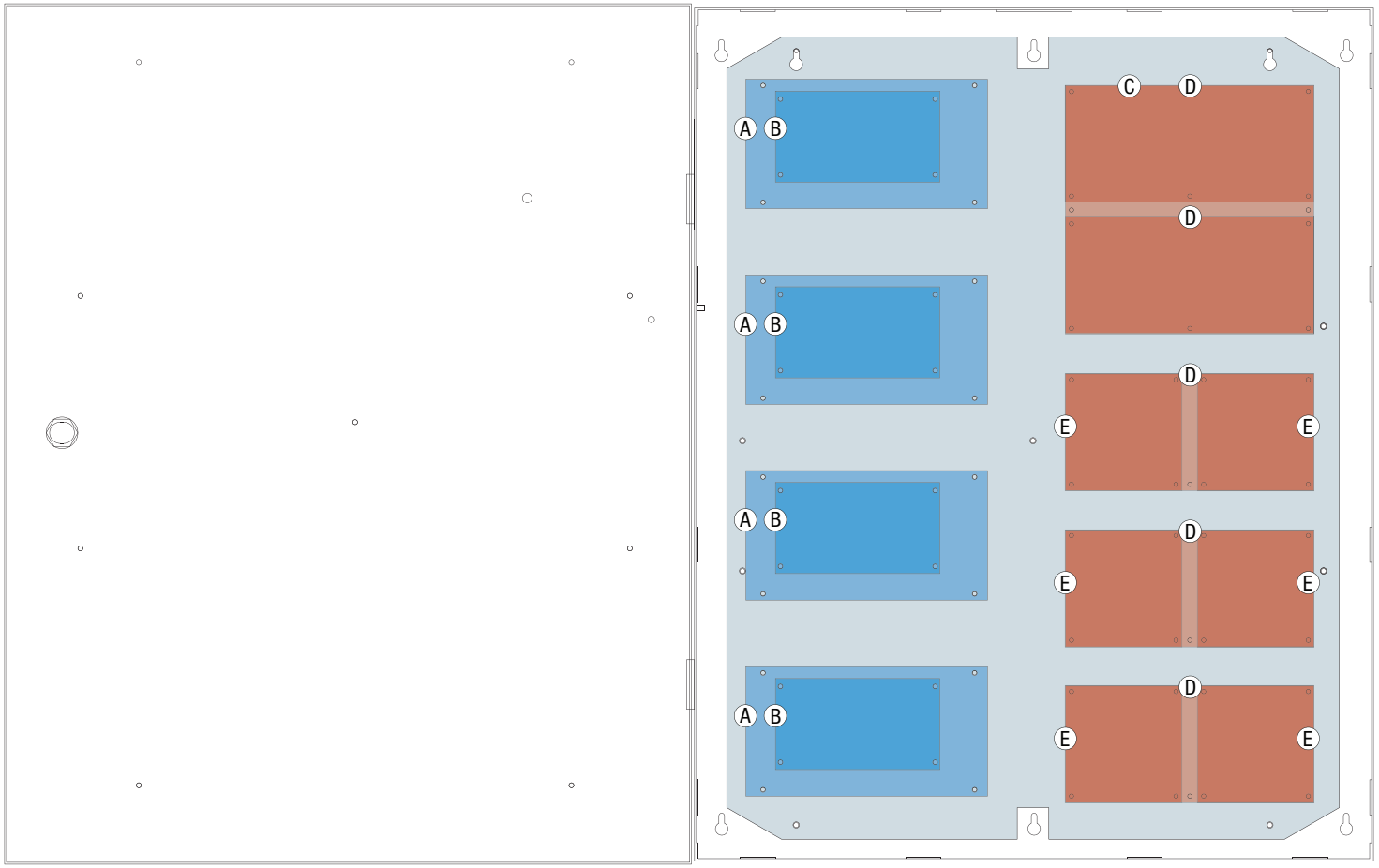
Access Controller Position Chart for the Following Models:

Altronix / Inner Range	Pem Mounting
AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600XB220, AL1012ULXB, AL1012XB220, AL1024ULXB2, AL1024XB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV, PoE60, PoE201, Tango1B, ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMCB	(A)
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6	(B)
Integriti Security Controller INTG-996001EUPCBK or Integriti Access Controller module INTG-996035PCBK	(C)
Inception Controller (no case) or Integriti 8-32 Zone LAN I/O Expander modules INTG-996005PCBKIT or Integriti Intelligent LAN Access modules INTG-996018PCBK or Integriti Standard LAN Access modules INTG-996535PCBK or Integriti UniBus 16 Floor Lift Interface Device INTG-996540PCBK	(D)
Integriti Standard LAN Access Module PCB INTG-996012PCBK or Integriti UniBus 8 Zone Expansion Device INTG-996500PCBKIT or Integriti UniBus 8 Relay Expander INTG-996515PCBKIT or Integriti Unibus 8 Auxiliary Relay Expander INTG-996520PCBKIT	(E)



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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.

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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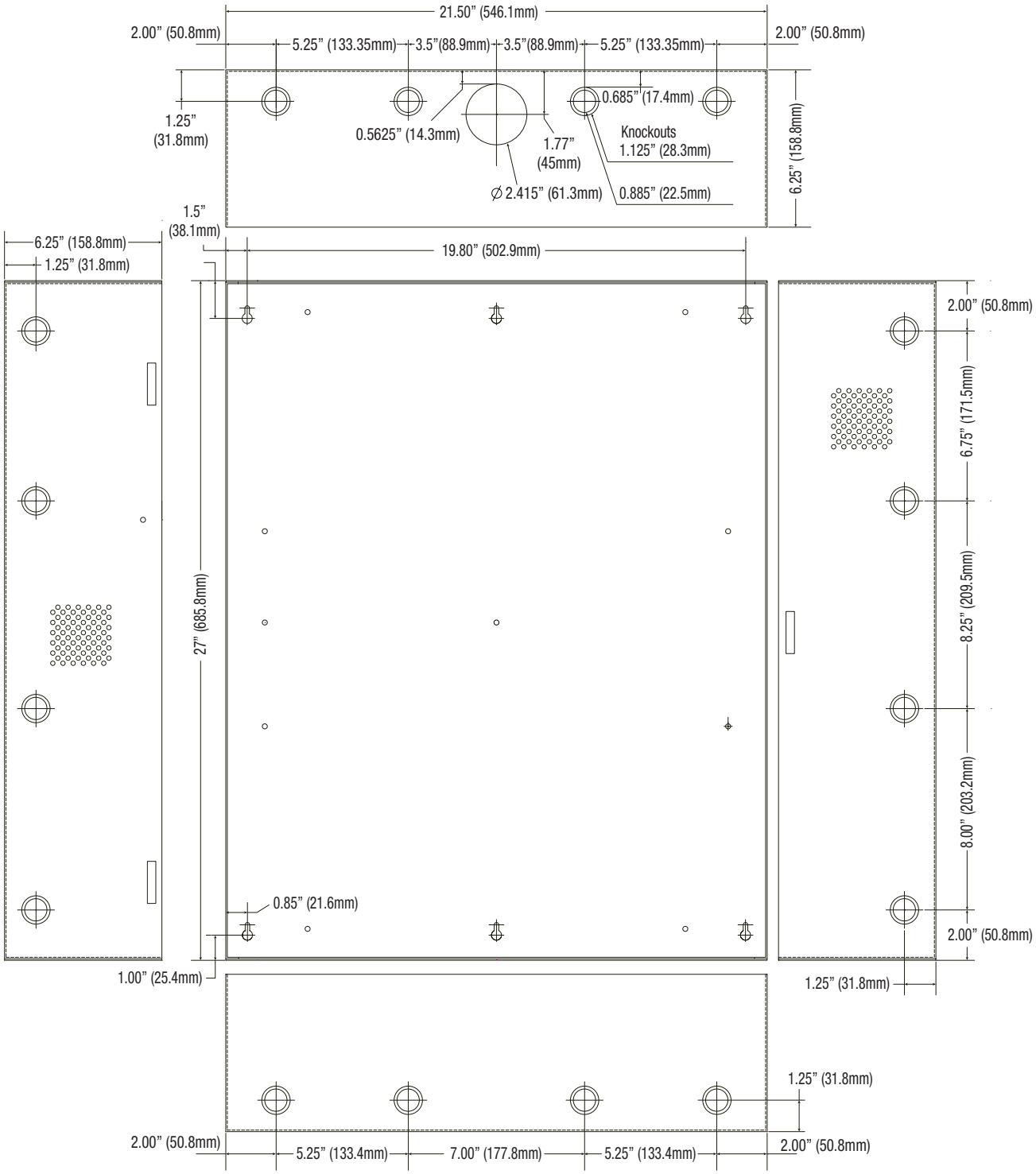
Dimensions and Drawing

Dimensions (H x W x D approximate)

27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)



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