Altronix®

TRⱭVE™

Trove3SH3 (Enclosure & Backplane) / TSH3 (Backplane)
Access & Power Integration Solution for Software House

Altronix Trove™ enclosures and backplanes let you easily integrate Altronix power with Software House iStar Ultra series access controllers and accessories. Trove simplifies board layout and wire management, reduces installation time and labor costs.

SOFTWARE HOUSE

Trove3SH3

Boards are not included

Trove3SH3 (Trove3 Enclosure + TSH3 Backplane)

- Accommodates the following Software House iStar Ultra series access controllers with or without Altronix power/accessories:
  - Software House - iStar Ultra GCM and iStar Ultra ACM boards or iSTAR Pro GCM and iSTAR ACM SE boards, as well as I8, R8, and I8-CSI boards
  - Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove3 enclosure and one (1) removable TSH3 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 AWG powder coated steel
- Includes cam lock, tamper switch and mounting hardware

TSH3 (Backplane) Features

Agency Listings
- **UL:** UL294 - Access Control System
- **cUL:** CAN/ULC - s319-05 - Electronic Access Control Systems
- **CE** European Conformity

Physical and Environmental
Trove3SH3 - 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)

Trove3SH3 - Weights (approx.):
Product: 80.0 lb. (36.29 kg)
Shipping: 92.0 lb. (41.73 kg)

TSH3 - 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)

TSH3 - 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.
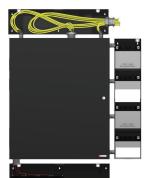

Mounting Magnet

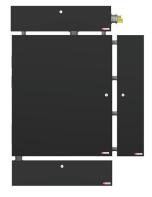### MM4, MM8, MM12, MM24 - Magnetic Mounting Solution
Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/accessories in any metal enclosure or backplane.

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.
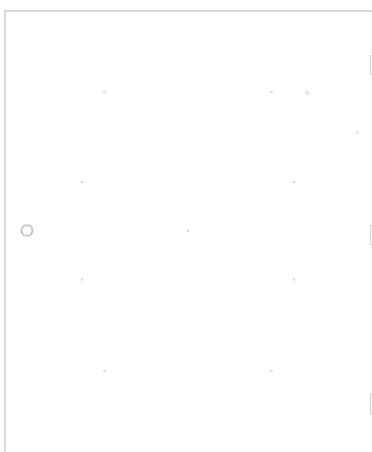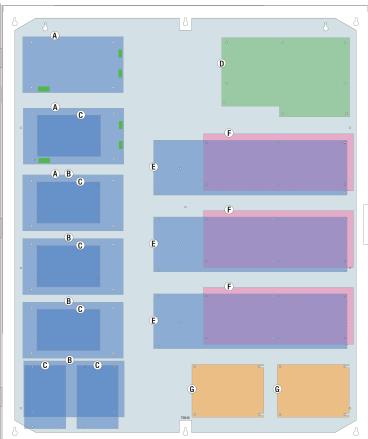
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Access Controller Position Chart for the Following Models:

Altronix / Software House	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	Ⓐ
ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMCB	Ⓑ
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6	Ⓒ
IStar Ultra GCM	Ⓓ
IStar Ultra ACM	Ⓔ
IStar Ultra ACM SE	Ⓕ
k8, r8	Ⓖ

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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)