Altronix®

Trove2SH2 (Enclosure & Backplane) / TSH2 (Backplane)
Access & Power Integration Solution for Software House

TR□VE™

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

Trove2SH2

Boards are not included

Trove2SH2 (Trove2 Enclosure + TSH2 Backplane)

- Accommodates the following Software House iStar Ultra series access controllers with or without Altronix power/accessories:
  - Software House: iStar Ultra GCM, iStar Ultra ACM, iSTAR ACM SE boards, as well as I8, R8, and I8-CSI boards
  - Altronix Power Supplies
  - Altronix Sub-Assemblies
- Includes Altronix Trove2 enclosure and one (1) removable TSH2 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

TSH2 (Backplane) Features

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

Physical and Environmental
Trove2SH2 - 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)

Trove2SH2 - Weights (approx.):
- Product: 37.1 lb. (16.83 kg)
- Shipping: 40.85 lb. (18.53 kg)

TSH2 - Dimensions (H x W x D):
- Backplane: 25.375" x 19.375" x 0.3125" (645mm x 492mm x 8mm)
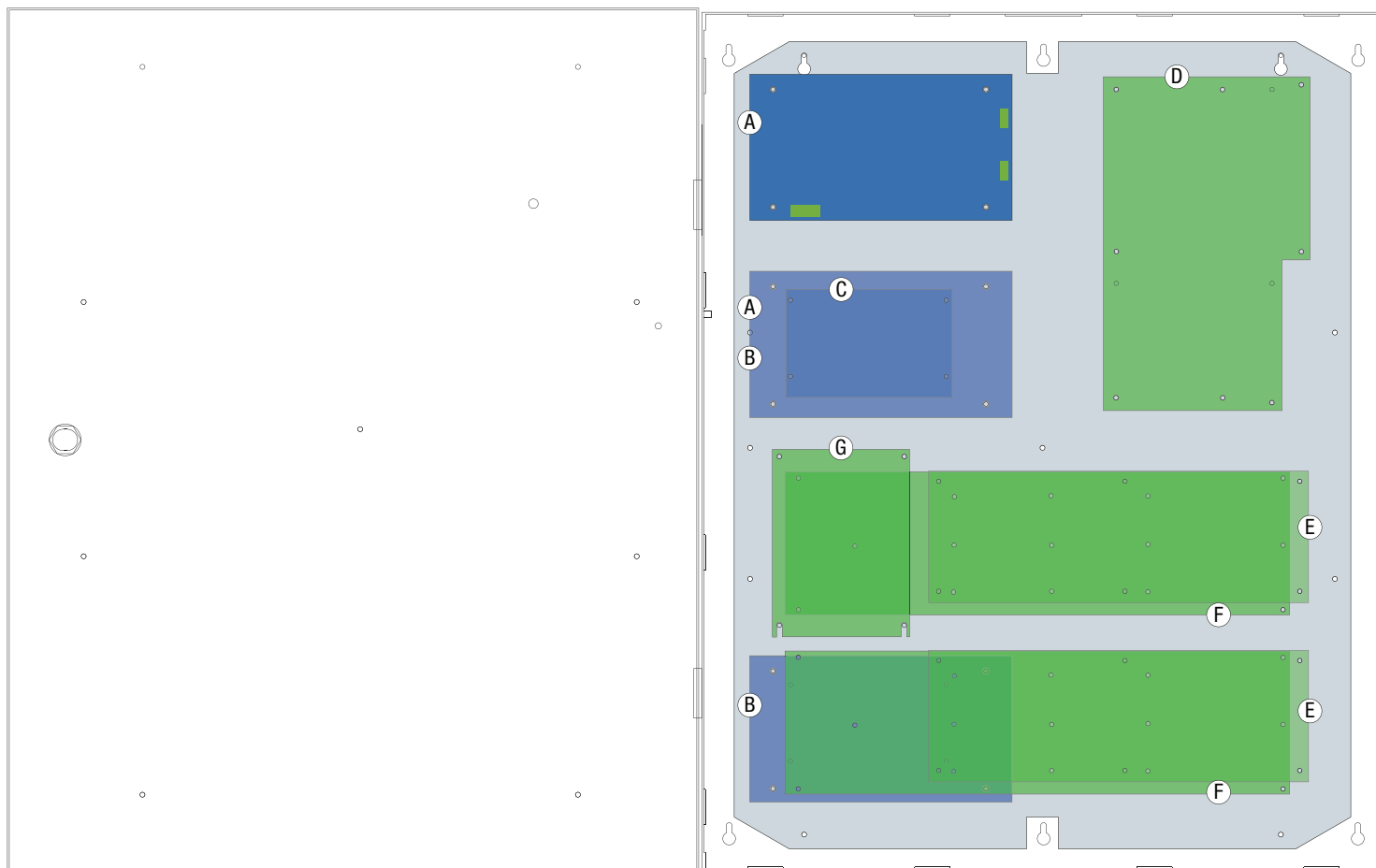- Shipping: 26.5" x 20.5" x 1.25" (673mm x 521mm x 32mm)

TSH2 - 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 / Softaware House	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	Ⓐ
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	Ⓕ
i8, r8	Ⓖ

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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TROVE™

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)

21.50" (546.1mm)
2.00" (50.8mm)
5.25" (133.35mm) 3.5"(88.9mm) 3.5"(88.9mm) 5.25" (133.35mm)
2.00" (50.8mm)
1.25" (31.8mm)
0.685" (17.4mm)
0.5625" (14.3mm)
1.77" (45mm)
Knockouts 1.125" (28.3mm)
6.25" (158.8mm)
⌀ 2.415" (61.3mm)
0.885" (22.5mm)
1.5" (38.1mm)
6.25" (158.8mm)
1.25" (31.8mm)
19.80" (502.9mm)
2.00" (50.8mm)
6.75" (171.5mm)
27" (685.8mm)
8.25" (209.5mm)
8.00" (203.2mm)
0.85" (21.6mm)
2.00" (50.8mm)
1.00" (25.4mm)
1.25" (31.8mm)
1.25" (31.8mm)
2.00" (50.8mm)
5.25" (133.4mm) 7.00" (177.8mm) 5.25" (133.4mm)
2.00" (50.8mm)