Altronix®

Trove1M1WP
Outdoor Access & Power Integration Solution for Mercury

TR□VE™

Altronix Trove1M1WP Outdoor Access and Power Integration Solution is a NEMA 4/IP 66 Rated outdoor enclosure with TM1X backplane that lets you easily integrate Altronix power with Mercury* access controllers and accessories. Trove simplifies board layout and wire management, reduces installation time and labor costs.

*Also compatible with these authentic Mercury partners:
AccessNsite, Avigilon, BadgePass, BluBox, Feenics, Genetec, Identicard, IMRON, Johnson Controls, Kastle, Keri Systems, Lenel/S2, LockState, Maxxess, Midpoint Security, NLSS, Open Options, Panasonic Video Insight, Quintron, RS2, Schneider Electric, Vanderbilt

Mercury™

Trove1M1WP

* Boards are not included

Trove1WP Enclosure + TM1X Backplane Features

- Accommodates the following controllers with or without Altronix power/accessories:
  - Mercury: LP1501, MR62e, MR50, LP1502, LP4502, MR52, MR16IN, MR16OUT, LP2500, MUX8
  - Altronix Power Supply
  - Altronix Sub-Assemblies

- Includes Altronix WP2 NEMA 4/IP 66 Rated outdoor enclosure and one (1) removable TM1X backplane.

Agency Listings
CE   European Conformity.

Features
- Simplifies board layout and wire management
- Accommodates up to two (2) 12VDC/7AH batteries
- Hot compression molded, halogen free, self extinguishing fiberglass reinforced polyester
- Stainless steel continuous hinge and stainless steel padlockable latches
- Integral flanges simplify wall or pole mounting
- Includes mounting hardware

Dimensions (H x W x D)
Enclosure:
17.53" x 15.3" x 6.67" (445.3mm x 388.6mm x 169.4mm)
Shipping:
21.375" x 14.5" x 9.5" (542.9mm x 374.7mm x 241.3mm)

Weight (approx.)
Product	13.0 lb. (5.90 kg)
Shipping	14.5 lb. (6.58 kg)

TM1X Backplane Features

- Accommodates the following controllers with or without Altronix power/accessories:
  - Mercury: LP1501, MR62e, MR50, LP1502, LP4502, MR52, MR16IN, MR16OUT, LP2500, MUX8
  - Altronix Power Supply
  - Altronix Sub-Assemblies
- Backplane features:
  - Simplifies board layout and wire management
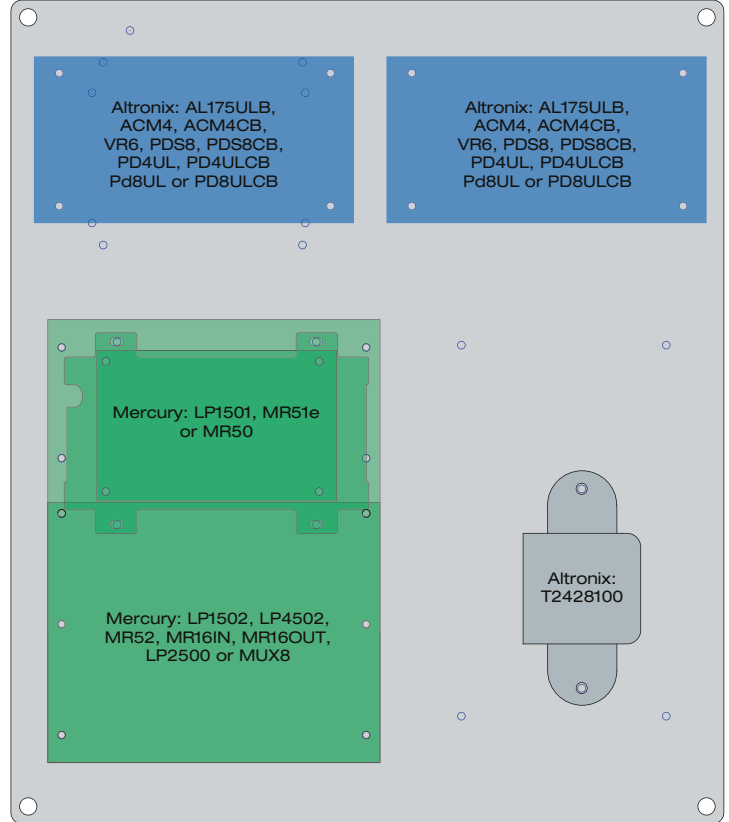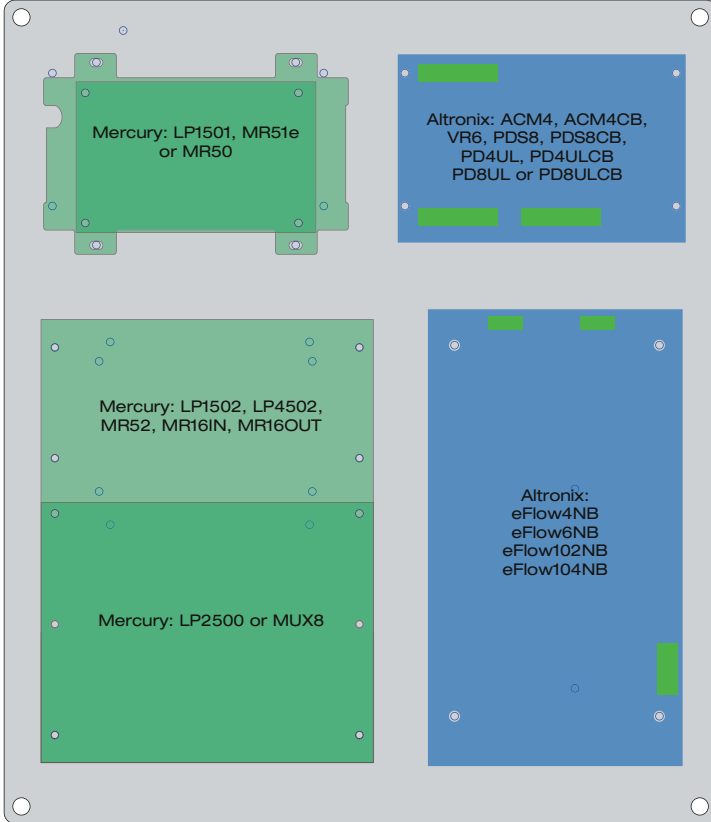 - 16 AWG galvanized steel

Dimensions (H x W x D)
Backplane:
14.875"x 12.875" x 0.3125" (377.8mm x 327mm x 8mm)
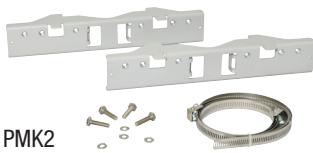Shipping:
18" x 13.75" 1" (457.2mm x 349.25mm x 25.4mm)

Weight (approx.)
Product	2.75 lb. (1.25 kg)
Shipping	3.45 lb. (1.56 kg)

Access Controller Positions for the Following Models:

Mercury: LP1501, MR51e or MR50

Altronix: ACM4, ACM4CB, VR6, PDS8, PDS8CB, PD4UL, PD4ULCB PD8UL or PD8ULCB

Mercury: LP1502, LP4502, MR52, MR16IN, MR16OUT

Mercury: LP2500 or MUX8

Altronix: eFlow4NB eFlow6NB eFlow102NB eFlow104NB

Altronix: AL175ULB, ACM4, ACM4CB, VR6, PDS8, PDS8CB, PD4UL, PD4ULCB Pd8UL or PD8ULCB

Altronix: AL175ULB, ACM4, ACM4CB, VR6, PDS8, PDS8CB, PD4UL, PD4ULCB Pd8UL or PD8ULCB

Mercury: LP1501, MR51e or MR50

Mercury: LP1502, LP4502, MR52, MR16IN, MR16OUT, LP2500 or MUX8

Altronix: T2428100

Accessories (order separately)

PMK2

PMK2 - Pole Mount Kit
PMK2 pole mount kit is designed to simplify installation of outdoor units.
It accommodates 2"- 8"(diameter) poles.

Dimensions and Drawing

Dimensions (H x W x D approximate)

17.53" x 15.3" x 6.67" (445.3mm x 388.6mm x 169.4mm)

FRONT VIEW

15.3" (388.6mm)

17.36" (441 mm)

A   A

RIGHT SIDE VIEW

1.67" (42.4mm)

5.00" (127mm)

16.73" (425mm)

316 STAINLESS STEEL PADLOCK LATCH
ATTACHED WITH RIVETS. Ø 0.375 PADLOCK EYE

FRONT VIEW COVER REMOVED

14.54" (369.3mm)

14.00" (355.6mm)

12.23" (310.6mm)

17.53" (445.3mm)

16.00" (406.4mm)

14.25" (362mm)

16.74" (425.2mm)

10-32 X 0.250 BRASS INSERT 4 PLCS.

SECTION A-A

0.125" (3.2mm)

4.94" (125.5mm)

5.77" (146.6mm)

6.41" (162.8mm)

0.75" (19.1mm)

MOUNTING PLATE

END VIEW

6.67" (169.4mm)

Ø 0.32" (8.1mm)
WALL MOUNTING HOLE X 4

12.00" (304.8mm)