



Altronix®

New  
***IP & Power***  
***Solutions***  
...for 2019

**Managed Ethernet over Coax PoE Switches,  
up to 300m at 100Mbps or up to 500m at 25Mbps.**

## Features:

- Deploy IP cameras/edge devices up to 300m (100Mbps) 500m (25Mbps) over coax without repeaters.
- Generates PoE/PoE+ up the coax to an eBridge transceiver.
- Eliminates the costs and labor associated with installing new network cabling.
- Control, monitor and report power/diagnostics from anywhere over the network.
- Built-in battery charging (RE2 - optional rack mount battery enclosure)
- 115VAC/230VAC input.
- Compact 1U EIA 19" rack mount chassis.
- UL Listed in the U.S. and Canada, CE Approved.



## 8-Port EoC Receiver with Integral PoE Switch

### eBridge800E

- Eight (8) 100Mbps coax ports
- Two (2) Gigabit Uplinks
- 30W full power per port (240W of total power)

### eBridge8E

- Eight (8) 25Mbps coax ports
- One (1) Gigabit Uplink
- 30W full power per port (240W of total power)

## Compatible Transceivers for eBridge800E:

### eBridge100TM

- Single port hardened Transceiver.
- Dimensions: 2.5"W x 3.8"D x 1"H



### eBridge100ST

- Single port hardened mini-Transceiver.
- More compact design for tighter spaces
- Dimensions: 2.27"W x 2.645"D x 1.12"H



## Compatible Transceivers for eBridge8E:

### eBridge1PCTX

- Single port hardened Transceiver.
- Dimensions: 2.5"W x 3.8"D x 1"H



### eBridge1ST

- Single port hardened mini-Transceiver.
- More compact design for tighter spaces
- Dimensions: 2.27"W x 2.645"D x 1.12"H



**Extend Ethernet range 5x the distance  
- without repeaters.**

## Features:

- Deploy IP cameras/edge devices up to 500m over CAT5e/6.
- Passes PoE/PoE+ generated from midspan/endspan.
- Data rate 100Mbps full duplex.
- Supports PoE (802.3af) and PoE+ (802.3at) devices.
- Receivers available with 1, 4, 8 or 16 ports.
- UL Listed in the U.S. and Canada, CE Approved.

## Compatible Transceivers:

### Pace1PTM

- Single port hardened Transceiver.
- Also supports single UTP up to 150m.

### Pace1ST

- Single port hardened mini-Transceiver.
- More compact design for tighter spaces.



## Long Range Ethernet Adapters



### Pace1PRMT (kit)

- Single port adapter kit includes a Pace1PRM Receiver and a Pace1PTM Transceiver. Also supports single UTP up to 150m.

### Pace1STR (kit)

- Single port adapter kit includes a Pace1PRM Receiver and a Pace1ST Mini Transceiver.

## Single & Multi-Port Receivers:

### Pace1PRM

- Single port Receiver.

### Pace4PRM

- Four (4) port Receiver.

### Pace8PRM

- Eight (8) port Receiver.

### Pace16PRM

- Sixteen (16) port Receiver

**Managed Midspans with even more power per port for maximum flexibility...**

### Features:

- Supports PoE (802.3af), PoE+ (802.3at) and Hi-PoE (802.3bt) devices up to 100m over CAT5e/6.
- 10/100/1000 Ethernet ports
- Control, monitor and report power/diagnostics from anywhere over the network.
- Built-in battery charging (*RE2 - optional rack mount battery enclosure*)
- 115VAC/230VAC input.
- Compact 1U EIA 19" rack mount chassis.
- UL Listed in the U.S. and Canada, CE Approved (*pending*)



### Managed Hi-PoE Midspans

#### NetWay8BT

- Supports up to eight (8) PoE/PoE+/Hi-PoE cameras/devices.
- 90W max per port (480W of total power)

#### NetWay8GP

- Supports up to eight (8) PoE/PoE+/Hi-PoE cameras/devices.
- 60W max per port (480W of total power)

#### NetWay8GL

- Supports up to eight (8) PoE/PoE+/Hi-PoE cameras/devices.
- 60W max per port (not to exceed 240W of total power)

*Managed Midspans with more bandwidth and power for added versatility.*

## Features:

- Supports PoE (802.3af) and PoE+ (802.3at) devices up to 100m over CAT5e/6.
- 10/100/1000 Ethernet ports
- Control, monitor and report power/diagnostics from anywhere over the network.
- Built-in battery charging (*RE2 - optional rack mount battery enclosure*)
- 115VAC/230VAC input.
- Compact 1U EIA 19" rack mount chassis.
- UL Listed in the U.S. and Canada, CE Approved.



## 8-Port Managed PoE Midspan

### NetWay8G

- Supports up to eight (8) PoE/PoE+ cameras/devices.
- 30W full power per port (240W of total power)



## PoE/PoE+ Gigabit Extender

### NetWayXTG

- Interfaces with NetWay midspans/switches to extend data (video) an additional 100m.
- PoE/PoE+, IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant
- A maximum range of more than 600m is possible using multiple repeaters, (based on camera/device port requirement).



## 16-Port Managed PoE Midspan

### NetWay16G

- Supports up to sixteen (16) PoE/PoE+ cameras/devices.
- 30W full power per port (480W of total power)

## PoE Switches

### Features:

- Supports PoE (802.3af), PoE+ (802.3at) devices up to 100m over CAT5e/6.
- 10/100/1000 Ethernet ports
- Control, monitor and report power/diagnostics from anywhere over the network.
- Built-in battery charging (*RE2 - optional rack mount battery enclosure*)
- 115VAC/230VAC input.
- Compact 1U EIA 19" rack mount chassis.
- UL Listed in the U.S. and Canada, CE Approved.



### 8-Port Managed PoE Switch

#### NetWay8E

- Supports up to eight (8) PoE/PoE+ cameras/devices.
- Two (2) Gigabit uplinks
- 30W full power per port (240W of total power)

## 5-Port Switch Board

### NetWay5B

- 5-port switch ideal in Trove series units, utilizing a single network cable to connect up to four (4) network devices, reducing material and labor costs.
- Input options of PoE, 12VDC or 24VDC.
- Five (5) 10/100/1000 Ethernet ports.
- PoE IEEE 802.3af (15W) and PoE+ IEEE 802.3at (30W) compliant.



## Managed Hardened PoE Switches with LiFePO4 (Lithium Iron Phosphate) Battery Charger

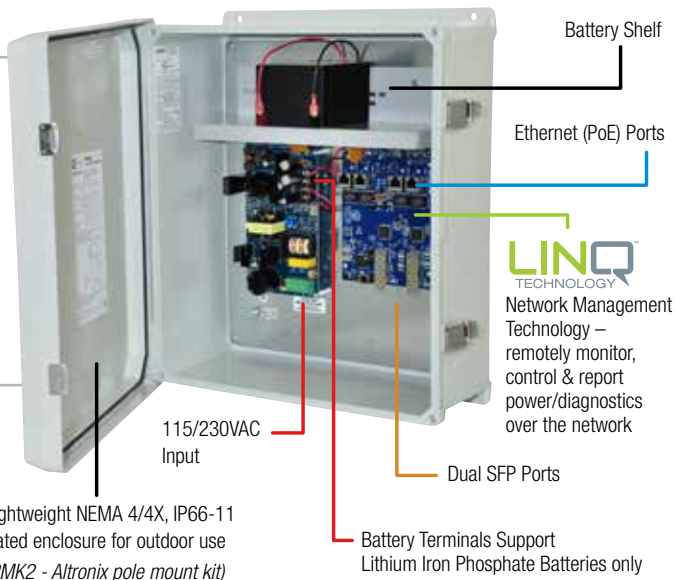
### Benefits of using LiFePO4 Batteries:

- Long cycle life (greater than 5,000).
- Up to 99% efficiency, allowing faster charging with minimal loss.
- Lower self-discharge rate.
- Reduces service calls and maintenance.
- 10 year shelf life.
- Up to 40% more up time vs. an equivalent sized sealed lead acid battery.
- Single battery saves space, cost, weight and labor.

### LiFePO4 Battery

#### BTL125

- 12VDC / 4.5A Lithium Iron Phosphate Battery
- Compatible with NetWay Spectrum series hardened switches featuring LiFePO4 charger.



Lightweight NEMA 4/4X, IP66-11  
Rated enclosure for outdoor use  
(PMK2 - Altronix pole mount kit)

## Managed Hardened PoE+ Switches with Optimized Lithium Iron Phosphate (LiFePO4) Battery Charger

### Features:

- Includes Outdoor NEMA4/4X rated enclosure PoE+ Switch and 75W power supply/charger
- One (1) or Two (2) Gigabit SFP (Fiber) ports  
*Compatible with Altronix SFP modules: P1MM (multi-mode), P1SM10 (single mode), P1AB2K (single strand) or P1GCE (copper)*
- Three (3), four (4) or eight (8) 10/100/1000 Mbps Ethernet ports.
- 75W total power (max).
- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant, or Hi-PoE (60W).
- Supports 12V LiFePO4 (lithium iron phosphate) batteries only (BTL125).
- Battery terminals can be utilized as a 12VDC Aux. output rated @ 800mA, when battery backup not used.
- Automatic switch over to stand-by battery when AC fails.

- Built-in power management allows for remote camera reset, control and monitoring of power, anywhere over the network.
- Email and Windows Dashboard Alert notifications report real-time diagnostics.
- UL Listed in the U.S. and Canada (pending).
- CE Approved.
- Backed by a Lifetime Warranty & Proudly Made in the U.S.A.
- Large outdoor NEMA4/4X rated outdoor enclosure with battery shelf: 17.53"H x 15.3"W x 6.67"D  
*(Optional PMK2 Pole Mount Kit available)*



Model Number	SFP Ports	PoE/PoE+ Ports	Hi-PoE Ports	Total Power
NetWaySP3LWPX	1	3	1	75W <i>(not to exceed)</i>
NetWaySP4LWPX	2	4		
NetWaySP8LWPX	2	8		
NetWay4EWPX	1	4		







# Enhanced Power

**Network ready power with enhanced features and versatility.**

## Features:

Coupled with our LINQ2 Network Communication Module you can control, monitor and report power from anywhere...

- Wide range of power configurations with single or multiple outputs.
- Built-in fire alarm disconnect.
- Over voltage protection - guards against equipment damage.
- 30-50% faster battery charging.
- Low power cutoff - protects stand-by batteries from deep discharge.
- All models include additional aux. Class 2 Rated power-limited output rated @ 1 amp.
- AC fail, low battery and battery presence supervision.
- Power LED visible on the enclosure door.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.
- Includes cam lock and battery leads.
- UL Listed in the U.S. and Canada, CE Approved.



Altronix eFlow Series Model	Fuse Protected Outputs*	Output Voltage & Current (max)
eFlow3N	1	12VDC or 24VDC at 2A
eFlow3N4	4	
eFlow4N	1	12VDC or 24VDC at 4A
eFlow4N8	8	
eFlow6N	1	12VDC or 24VDC at 6A
eFlow6N8	8	
eFlow6N16	16	
eFlow102N	1	12VDC at 10A
eFlow102N8	8	
eFlow102N16	16	
eFlow104N	1	24VDC at 10A
eFlow104N8	8	
eFlow104N16	16	

Altronix eFlow-ACM Series Model	Fuse Protected Outputs*	Output Voltage & Current (max)	Additional ACM Features
eFlow4NA8	8	12VDC at 3.3A or 24VDC at 3.6A	8-Fail-Safe/Fail-Secure Outputs 8-Trigger Inputs 8-Aux Power Outputs Fire Alarm Disconnect
eFlow6NA8		12VDC at 5.3A or 24VDC at 5.6A	
eFlow102NA8		12VDC at 9.3A	
eFlow104NA8		24VDC at 9.6A	

*\*Available with PTC Protected Outputs*



# Network Power Management

*Control, Monitor and Report Power/Diagnostics from anywhere over the network.*

## LINQ™ Technology Features:

- Provides local and/or remote access to critical information via LAN/WAN.
- Third party certified cybersecurity.
- Individual password protected user levels.
- Report system diagnostics via dashboard and/or email alert notification.
- Local and/or remotely control outputs and reset devices.
- Enclosures internal temperature monitoring.
- Event log tracks history.
- Manage and maintain devices at a single or multiple site via **Altronix LINQ™ DashBoard**
- Programmable time events: Control outputs and power supply via flexible timing parameters
- Reduces system downtime, eliminate costly service calls and create RMR opportunities
- Includes operating software and 6ft. USB cable.

## Network Communication Module



## LINQ2

- Monitor and control power while reporting system diagnostics via Email notifications for two (2) Altronix eFlow power supplychargers, (*eFlow, Maximal-F series and Trove systems*)
- Diagnostics/monitoring features include:
  - Input and output voltage and current monitoring
  - Real time battery health monitoring
  - ...and more!
- Two (2) integral network controlled Form "C" relays may be used for myriad applications.
- UL Listed in the U.S. and Canada, CE Approved.





# Network Power Management

*Upgrade, control and communicate with virtually any low voltage AC or DC power supply over the network.*

## LINQ™ Technology Features:

- Provides local and/or remote access to critical information via LAN/WAN.
- Third party certified cybersecurity.
- Individual password protected user levels.
- Report system diagnostics via dashboard and/or email alert notification.
- Local and/or remotely control outputs and reset devices.
- Enclosures internal temperature monitoring.
- Event log tracks history.
- Manage and maintain devices at a single or multiple site via **Altronix LINQ™ Dashboard**
- Programmable time events: Control outputs and power supply via flexible timing parameters.
- Reduces system downtime, eliminate costly service calls and create RMR opportunities.
- Includes operating software and 6ft. USB cable.

## Network Power Distribution Module



### LINQ8PD

- Facilitates monitoring, reporting and control of one (1) or two (2) AC or supervised DC power supply/chargers.
- Output voltage is individually selectable for each of the eight (8) outputs when utilizing two (2) power supplies.
- Diagnostics/monitoring features include:
  - Input and output voltage and current monitoring
  - Real time battery health monitoring
  - ...and more!
- Retrofits with most currently installed multi-output power supply/chargers.
- Battery backup is selectable by output.

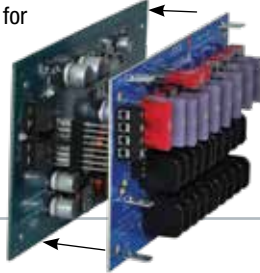
### LINQ8PDCB

- LINQ8PD with PTC protected outputs.

*VR6 & PDS8 easily stack together to provide 5VDC or 12VDC and 24VDC simultaneously - individually selectable over each of the 8 outputs... all on one footprint!*

## Features:

- VR6 reduces the cost of adding another power supply.
- The ACMS8's pluggable design allows for an instant and seamless connection to the VR6.
- Stackable mounting configuration saves valuable enclosure space.
- UL Listed in the U.S. and Canada, CE Approved.



## Kits

### PDS8K1

- Includes PDS8 and VR6.

### PDS8CBK1

- Includes PDS8CB and VR6.

## Voltage Regulator

### VR6

- Converts a 24VDC input into a regulated 5VDC or 12VDC output.
- Input: 24VDC @ 1.75A – Output: 5VDC @ 6A
- Input: 24VDC @ 3.5A – Output: 12VDC @ 6A
- Surge suppression.



## Dual Input Power Distribution Module

### PDS8

- Any of the eight (8) fuse protected power outputs are selectable to follow power input 1 or input 2.
- 5VDC to 24VDC up to 10A or 16VAC to 28VAC up to 10A.
- Individual outputs may be set to OFF position for servicing.
- Multiple units may be daisy-chained to accommodate larger systems.



### PDS8CB

- PDS8 with PTC protected outputs.

*VR6 & ACMS8 easily stack together to provide 12VDC and 24VDC simultaneously – individually selectable over each of the 8 outputs... all on one footprint!*

## Features:

- Reduces the cost of adding another power supply.
- Stackable mounting configuration saves valuable enclosure space.
- The pluggable design allows for an instant and seamless connection to the VR6.
- Bi-color voltage output LED indicators.
- Reduces number of batteries required for overall system backup.
- Selectable voltage allows for wider range of lock options.
- Easily daisy chain multiple ACMS8's to accommodate larger systems.
- UL Listed in the U.S. and Canada, CE Approved.

## Kits

### ACMS8K1

- Includes ACMS8 and VR6.

### ACMS8CBK1

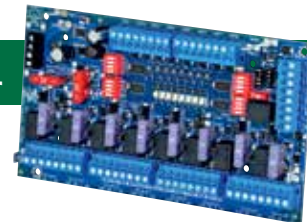
- Includes ACMS8CB and VR6.

[altronix.com](http://altronix.com)

## Dual Input Access Power Controller

### ACMS8

- Eight (8) Access Control System trigger inputs:
  - a) Eight (8) normally open (NO) inputs.
  - b) Eight (8) normally closed (NC) inputs.
  - c) Eight (8) open collector sink inputs.
  - d) Any combination of the above.
- Eight (8) selectable 12VDC or 24VDC independently controlled outputs. Output options:
  - a) Eight (8) Fail-Safe and/or Fail-Secure power outputs;
  - b) Eight (8) relays (type to be determined, i.e. solid state, removable, etc.)
  - c) Any combination of the above.
- Outputs are selectable to follow power input 1 or input 2.
- Eight (8) auxiliary power outputs (unswitched).
- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the eight (8) outputs.
- Fire Alarm disconnect input options:
  - a) Supervised Normally open (NO) or normally closed (NC) dry contact input
  - b) Polarity reversal input from FACP signaling circuit.



### ACMS8CB

- ACMS8 with PTC protected outputs.

### Power Controller for Motorized Locking Devices & More...

#### Features:

- Input 115VAC, 60Hz, 2.5A or 230VAC, 50Hz, 1.5A.
- Two normally open ADA inputs for special mode of interfacing with automatic door operators.
- One (1) 19.8VDC-26.4VDC @ 0.8A rated filtered regulated auxiliary output for applications with battery back-up, 24VDC-26.4VDC @ 0.8A rated for applications in US not requiring battery back-up. Not affected by FACP trigger.
- One (1) 12VDC filtered regulated auxiliary output rated 0.5A. Not affected by FACP trigger.
- Two (2) follower Normally Open relay outputs for controlling ADA actuators/accessories rated 28VDC @ 0.5A.
- Two momentary door operator activation relay outputs.
- Trouble relay output indicating low AC voltage trouble and battery trouble.

- Built-in charger for sealed lead acid batteries.
- Automatic switch over to stand-by battery when AC fails.
- LED indicators:
  - AC Power LED indicates AC presence.
  - Trigger output LEDs indicate panic device status / opened (activated, short circuit).
  - Fire Alarm Interface (FAI) indicates FACP interface is activated.
  - Battery LED indicates low battery during AC failure and battery test.
  - AC status LED indicates loss of AC power.



### Low Current Locking Device Power Controller

#### Strikelt4

- Two (2) 19.8VDC-26.4VDC rated individually controlled lock outputs configurable for fail-secure or fail-safe electronic locking hardware for applications with battery back-up.

- Two (2) Normally Open (N.O.) trigger inputs (Input 1 and Input 2).
- FACP Normally Closed (N.C.) input.

*Customize your access control with the industry's leading manufacturers.*

### **Features:**

- Trove™ let you easily integrate Altronix power/accessories with access controllers from the industry's leading manufacturers: **AMAG, BOSCH, CDVI, DMP, HID/VERTX, HONEYWELL, KANTECH, KEYSKAN, MERCURY, LENEL, PAXTON, PDK, SALTO, SIELOX, SOFTWARE HOUSE, ZK-TECO...and more.**
- Removable backplanes allow you to configure and test prior to on-site installation.
- Simplifies board layout and wire management, reducing installation time and costs.
- Convenient knockout configuration.
- Accommodates stand-by batteries.
- Includes cam lock, tamper switch and mounting hardware.

***Pre-assembled kits with Altronix power/accessories are available.***

**TROVE1** Enclosure Dimensions: 18"H x 14.5"W x 6.25"D

Backplane Dimensions: 16.625"H x 12.5"W x 0.5"D

**TROVE2** Enclosure Dimensions: 27.25"H x 21.5"W x 6.5"D

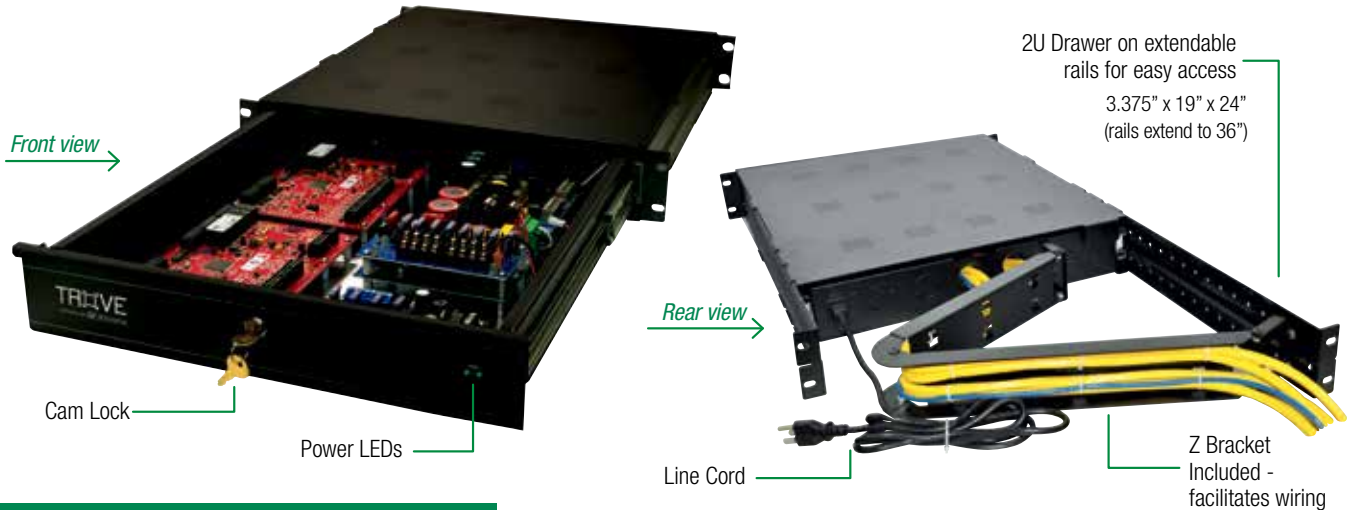
Backplane Dimensions: 25.375"H x 19.375"W x 0.5"D

**TROVE3** Enclosure Dimensions: 36.12"H x 30.125"W x 7.06"D

Backplane Dimensions: 34.0"H x 28.0"W x 0.5"D



*Easily integrates Altronix power/accessories with a host of access control brands - saving valuable rack space!*



### Rack Mount Trove Solution

The Altronix Trove Rack Mount Series accommodates access controllers from leading manufacturers expanding versatility beyond wall-mount configurations. These new additions simplify board layout and wire management, while reducing installation time and labor costs.



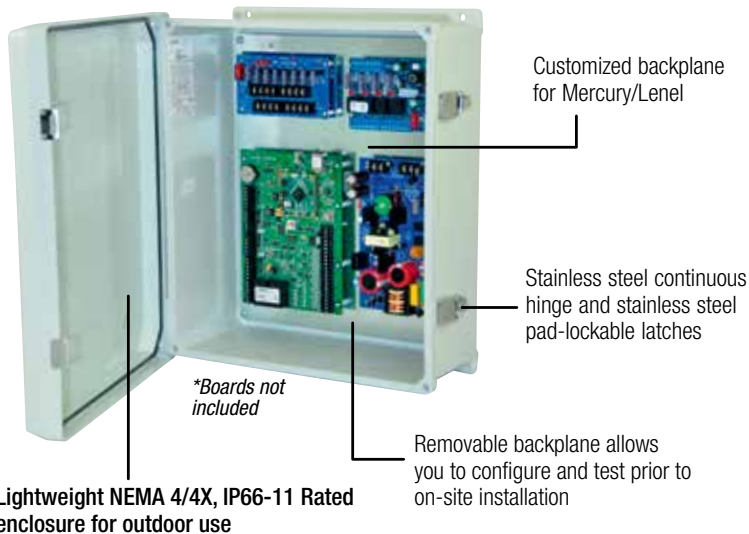
Trove Model	Description	Typical System	Accommodates the following Altronix power/accessories	Accommodates the following Boards
TROVE1AL1R	2U Rack + Backplane	Up to 16-Doors	eFlow4NB, eFlow6NB, eFlow102NB, eFlow104NB, ACM4(CB), ACM8(CB), ACMS8(CB), LINQ8PD(CB), MOM5, PD4UL(CB), PD8UL(CB), PDS8(CB), VR6	Designed for Altronix power/accessories only
TROVE1BL1R		N/A		Any Manufacturers Boards/Equipment <i>(blank backplane allows option to drill as needed)</i>
TROVE1HW1R		Up to 8-Doors		<b>ProWatch &amp; Win-Pak:</b> PRO32IC, PRO32E1PS, PRO32R2, PRO32IN, PRO32OUT, PW6K2E2PS, PW6K1IC, PW6K1IN, PW6K1OUT, PW6K1R2, PW6K1ICE, PW6K1R1E
TROVE1M1R		Up to 8-Doors		<b>Mercury:</b> EP1501, EP1502, EP2500, EP4502, MR16IN, MR16OUT, MR50, MR51e, MR52 and MUX8 <b>Lenel:</b> LNL-1100-S3, LNL-1200-S3, LNL-1300-S3, LNL-1300e, LNL-1320-S3, LNL-X2210, LNL-X2220, LNL-X4420, LNL-8000
TROVE1SH1R		Up to 16-Doors		<b>Software House:</b> iStar ACM SE, iStar Pro ACM, iStar Ultra ACM, i8, r8, i8 CSI
TROVE1V1R		Up to 12-Doors		<b>HID/VertX:</b> V100, V200, V300, V1000 or V2000

## Pre-assembled Kits with Altronix Power/Accessories

Trove Rack Kit Model	Description	Typical System	Altronix Power/ Sub Assemblies (Included)	Accommodates the following Access Controllers
<b>T1RAL3F8</b>	2U Rack + Backplane & Power/Sub-assemblies	Up to 8-Doors	EFLOW6NB, ACMS8, VR6, PDS8	Designed for Altronix power/accessories only
<b>T1RAL33F16</b>		Up to 16-Doors	2-EFLOW6NB, 2-ACMS8	
<b>Honeywell ProWatch / WinPak Kit</b>				
<b>T1RHW3F4</b>	2U Rack + Backplane & Power/Sub-assemblies	Up to 4-Doors	EFLOW6NB, ACM4, VR6, PDS8	<b>ProWatch &amp; Win-Pak:</b> PRO32IC, PRO32E1PS, PRO32R2, PRO32IN, PRO32OUT, PW6K2E2PS, PW6K1IC, PW6K1IN, PW6K1OUT, PW6K1R2, PW6K1CE, PW6K1R1E
<b>Mercury / Lenel Kit</b>				
<b>T1RM3F4</b>	2U Rack + Backplane & Power/Sub-assemblies	Up to 4-Doors	EFLOW6NB, ACM4, VR6, PDS8	<b>Mercury:</b> EP1501, EP1502, EP2500, EP4502, MR16IN, MR16OUT, MR50, MR51e, MR52 and MUX8 <b>Lenel:</b> LNL-1100-S3, LNL-1200-S3, LNL-1300-S3, LNL-1300e, LNL-1320-S3, LNL-X2210, LNL-X2220, LNL-X4420, LNL-8000
<b>Software House Kit</b>				
<b>T1RSH3F8</b>	2U Rack + Backplane & Power/Sub-assemblies	Up to 8-Doors	EFLOW6NB, ACMS8, VR6	iStar ACM SE, iStar Pro ACM, iStar Ultra ACM, i8, r8, i8 CSI
<b>HID / VertX Kit</b>				
<b>T1RV3F4</b>	2U Rack + Backplane & Power/Sub-assemblies	Up to 4-Doors	EFLOW6NB, ACM4, VR6, PDS8	V100, V200, V300, V1000 or V2000

PTC versions are available - add the suffix "D" to the model number (ie. T1RM3F4D).

*Outdoor access solution ideal for vehicle/pedestrian gate access*



### Outdoor Enclosure + Backplane

#### Trove1M1WP

- Accommodates the following Mercury/Lenel boards with Altronix power/accessories:
  - Mercury: EP1501, EP1502, EP2500, EP4502, MR16IN, MR16OUT, MR50, MR51e, MR52, MUX8
  - Lenel: LNL-1100, LNL1200, LNL-1300, LNL-1300e, LNL-1320, LNL-2210, LNL-2220, LNL-4420, LNL-8000
- Dimensions: 17.53" x 15.3" x 6.67"

#### PMK2

- Altronix pole mount kit



#### WM5

- Magnetic cable tie mounts for easy wire management, Pack of 5 (WM25 - Pack of 25, WM100 - Pack of 100)



SECURITY • FIRE • ACCESS • VIDEO • NETWORKING



*More than just power.™*

Designed & Manufactured in the U.S.A.  
Backed by a Lifetime Warranty

[altronix.com](http://altronix.com) / 718.567.8181