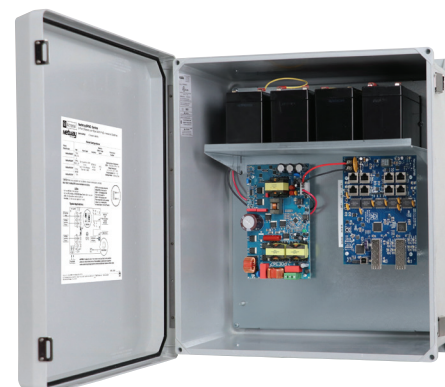


## NetWaySP8C7W5

8-port Hardened PoE+ Switch, Integral Power with Rapid Battery Charger



Altronix NetWaySP8C7W5 supports up to 60W per port (360W total power) for deploying the latest high-powered IP devices in remote locations. It is equipped with two (2) 1Gb SFP ports to transmit data at long distances and eight (8) PoE+ (30W) or two (2) 60W Ethernet ports. NetWaySP8C7W5 accommodates single/multi-mode fiber cable to deliver data from NetWay Spectrum head-end media converters/injectors. NetWaySP8C7W5 has an integrated rapid battery charger for extended battery run times. Embedded LINQ Technology allows to monitor, control, and report power and diagnostics from anywhere.



NetWaySP8C7W5

### Key Features

- Eight (8) PoE/PoE+ (up to 30W) ports or two (2) 60W ports (360W total power)
- IEEE 802.3af, 802.3at compliant or 60W
- Two (2) Gigabit SFP ports
- LINQ Technology:
  - Remote network management allows for camera/device reset and diagnostic monitoring
  - Provides local and/or remote access to critical information via LAN/WAN
  - Email and Windows Dashboard Alert notifications report real-time events
  - Event log tracks history
- VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security
- Integrated rapid battery charger for extended battery run times
- Selectable charging circuit 2A or 4A
- CE European Conformity
- NEMA 4/4X, IP66-11 enclosure accommodates batteries

### Accessories (included)



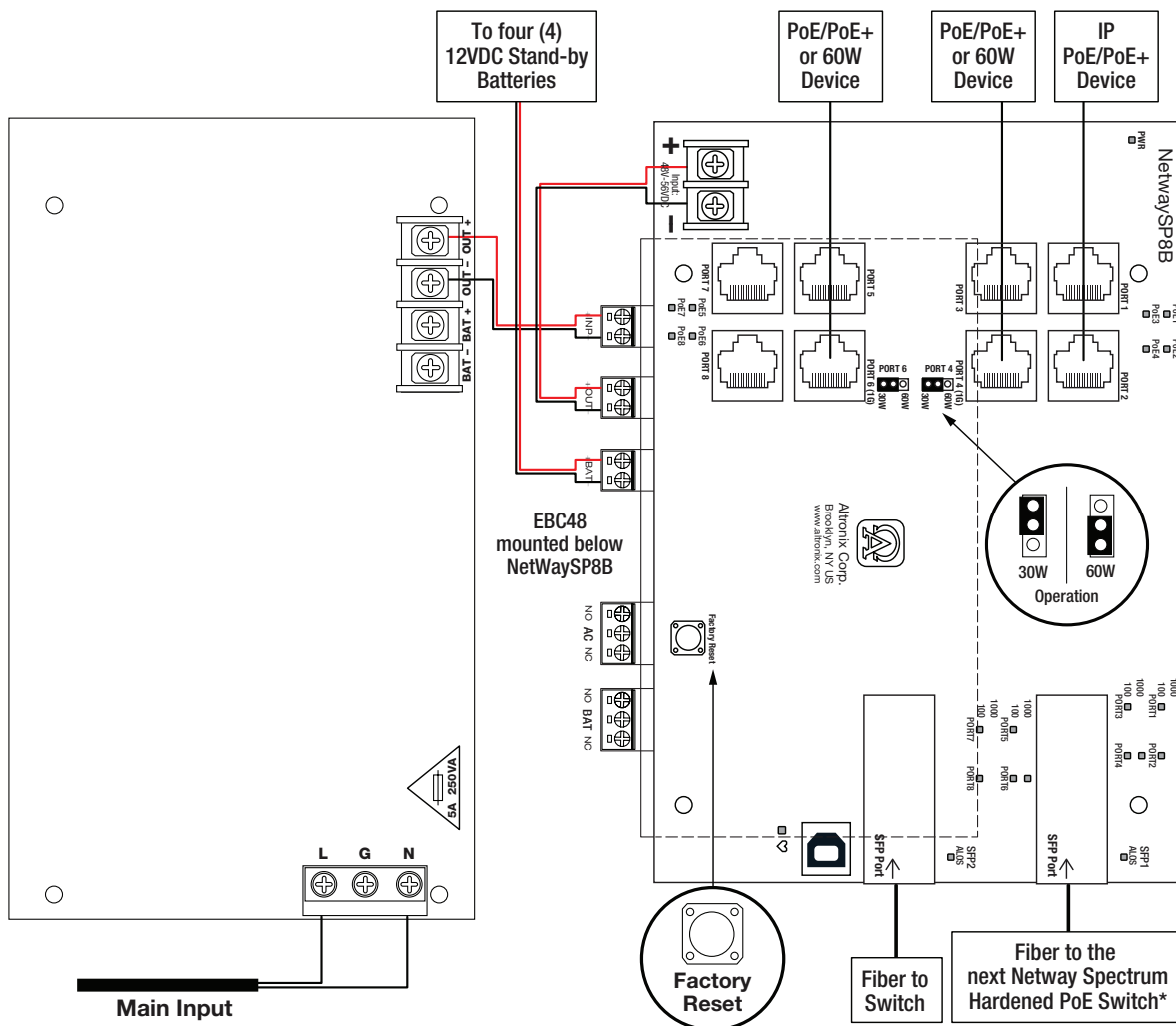
Vent2

#### Vent2 - Air Vents For NEMA4/4X Rated Enclosures

Two (2) Fiberglass, smooth matte finish vents included with hardware and template

#### Lifetime Warranty

### Typical Application



### Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com



## NetWaySP8C7W5

8-port Hardened PoE+ Switch, Integral Power with Rapid Battery Charger



### Specifications

#### 8-port PoE+ Hardened Switch (NetWaySP8B):

##### Input

Voltage 56VDC from POE367

##### Power Output

Maximum Power Eight (8) PoE+ (30W) ports  
or two (2) 60W ports  
IEEE 802.3at (30W) and  
IEEE 802.3af (15W) compliant  
120W total power  
Integral surge protection

Fiber Ports: Two (2) Gigabit SFP ports

##### Ethernet Ports:

Six (6) 10/100 Mbps and  
two (2) 10/100/1000 Mbps ports  
Connectivity: RJ45, auto-crossover  
Wire type: 4-pair CAT5 or  
better structured cable  
Distance: up to 100m  
Speed: 10/100/1000 Mbps,  
half/full duplex, auto negotiation

##### LINQ Technology:

Remote network management allows for camera/device reset  
and monitoring  
Provides local and/or remote access to critical information via  
LAN/WAN  
Email and Windows Dashboard Alert notifications report  
real-time diagnostics  
Event log tracks history

##### Indicators (LED)

Individual PoE On LEDs for each port  
Individual IP Link status, 10/100Base-T/active LEDs for each port  
ALOS LED indicates fiber connection for SFP port  
Heartbeat LED indicates proper operation of the unit

##### VLAN:

Multiple management VLAN assignment  
802.1Q Tagged VLAN  
Up to 10 VLAN groups. ID Range 2-4095

#### Power Supply/Charger (POE367):

##### Input

Voltage 230-277VAC, 50/60Hz, 1.75A  
Input Fuse 5A/250V

##### Output

Voltage Range 54VDC/360W  
Current 6.4A continuous supply current  
Maximum Power 360W total power  
(refer to operating temperature)  
Integral surge protection

#### External Rapid Battery Charger (EBC48):

##### Input

Voltage 56VDC from POE367

##### Battery Charging

Type LiFePO<sub>4</sub>, sealed lead acid or gel type  
Charging four (4) 12V batteries in series

Current 2A or 4A selectable operation

Failover Upon AC loss, instantaneous

Batteries are sold separately

##### Indicators (LED)

Green Feed from power supply

Red Feed from battery

Blinking Red Battery trouble

##### Supervision

AC Failure Form "C" contacts

Low or  
Missing Battery Form "C" contacts

#### NetWaySP8C7W5:

##### Agency Listings

CE European Conformity

##### Physical and Environmental

##### Dimensions (H x W x D)

Enclosure: 19.31" x 17.32" x 9.58"  
(490.4mm x 439.9mm x 243.3mm)

Shipping: 21.375" x 14.5" x 9.5"  
(542.9mm x 374.7mm x 241.3mm)

NEMA 4/4X, IP66-11 Rated enclosure for outdoor use  
Accommodates four (4) 12VDC batteries (48V of backup)  
*For outdoor battery backup, battery enclosure must have  
sufficient ventilation. Use included Altronix Vent2 kit*

##### Weight (approx.)

Product: 20.6 lb. (9.34 kg)

Shipping: 24.3 lb. (11.1 kg)

##### Temperature

##### Operating:

360W: - 30°C to 65°C (- 22°F to 149°F)

240W: - 30°C to 70°C (- 22°F to 158°F)

Storage: - 30°C to 85°C (- 22°F to 185°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.) 183 BTU/Hr.

Operating Altitude: - 304.8 to 2,000m

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## NetWaySP8C7W5

8-port Hardened PoE+ Switch, Integral Power with Rapid Battery Charger



### 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.



#### SFP Modules - Hot Pluggable Transceivers

|        |                                                  |
|--------|--------------------------------------------------|
| P1MM   | Multi-Mode SFP Module for distances up to 550m   |
| P1SM10 | Single-Mode SFP Module for distances up to 10km  |
| P1AB2K | Single Strand SFP Module for distances up to 2km |
| P1GCE  | Copper SFP Module for distances up to 100m       |

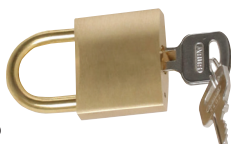


NetWaySP1A

#### NetWaySP1A

Ethernet over Fiber Media Converter/Repeater for Applications Requiring an Additional SFP Port

NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).



Lock1WP

#### LOCK1WP - Pad Lock for Altronix Outdoor Enclosures

Altronix Lock1WP is a pad lock to secure the latches on Altronix outdoor enclosures. Includes a single pad lock and two (2) keys.



WG1

#### WG1 - NEMA Rated Wire Gland Inlet

Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

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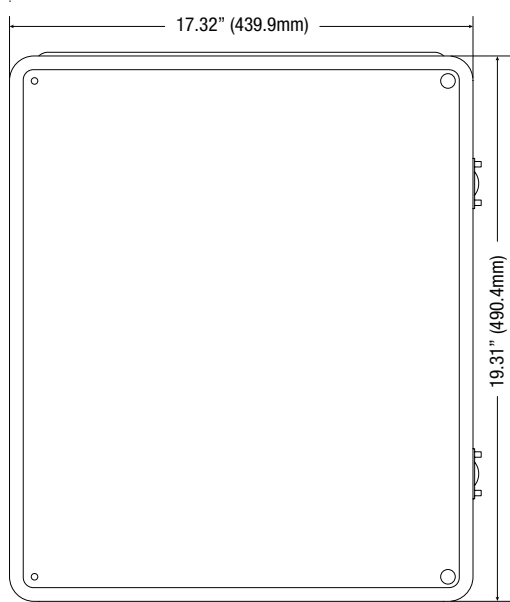
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: [info@altronix.com](mailto:info@altronix.com) | [www.altronix.com](http://www.altronix.com)

### Dimensions and Drawing

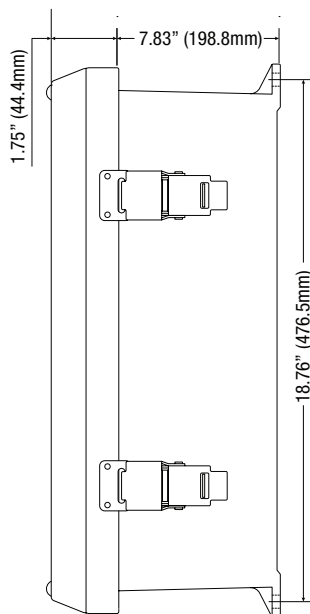
Dimensions (H x W x D approximate)

19.31" x 17.32" x 9.58" (490.4mm x 439.9mm x 243.3mm)

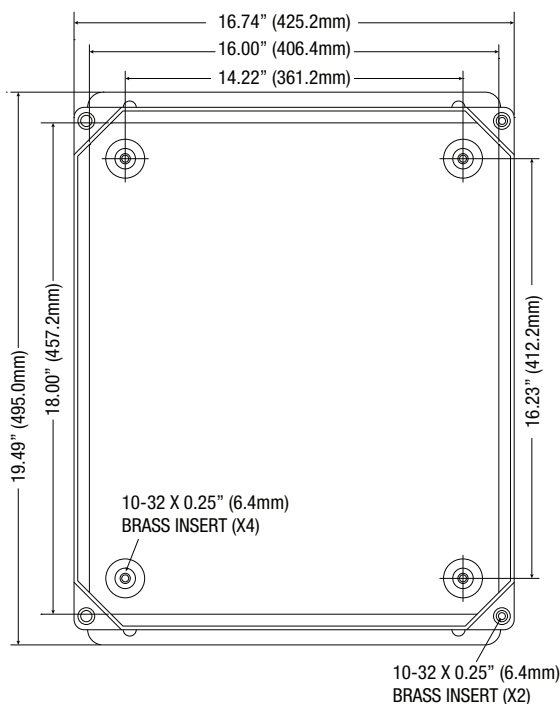
**FRONT VIEW**



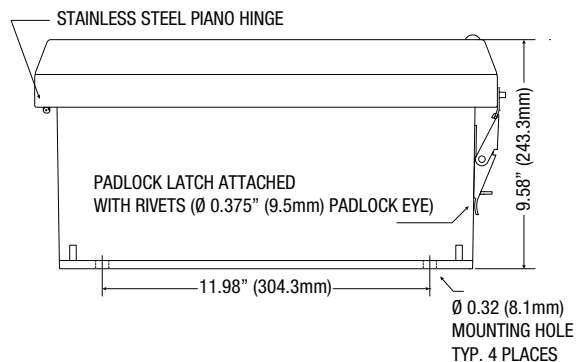
**RIGHT SIDE VIEW**



**FRONT VIEW COVER REMOVED**



**END VIEW**



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