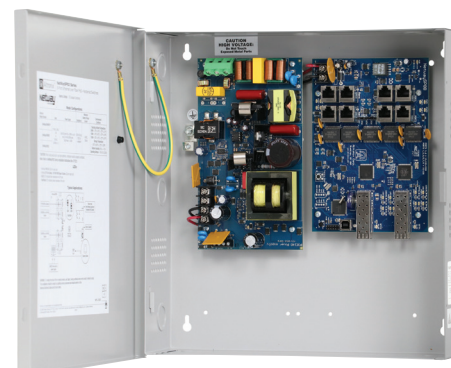


## NetWaySP8X2

8-port Hardened Indoor PoE+ Switch with Integral Power



Altronix NetWaySP8X2 supports up to 60W per port (240W 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) Hi-PoE (60W) Ethernet ports. NetWaySP8X2 accommodates single/multi-mode fiber cable to deliver data from NetWay Spectrum head-end media converters/injectors. Embedded LINQ Technology allows to monitor, control, and report power and diagnostics from anywhere.



NetWaySP8X2

### Key Features

- Eight (8) PoE/PoE+ (up to 30W) ports or two (2) Hi-PoE (60W) ports (240W total power)
- IEEE 802.3af, 802.3at compliant or Hi-PoE (60W)
- Two (2) Gigabit SFP ports
- VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security
- Built-in charger for LiFePO<sub>4</sub> (Lithium Iron Phosphate) or sealed lead acid or gel type batteries
- CE European Conformity
- NEMA 1 Rated enclosure for indoor use
- 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

### Similar products

<b>NetWaySP8WPX2</b>	Outdoor 8-port Hardened PoE+ Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWaySP8WP2</b>	Outdoor 8-port Hardened PoE+ Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP8PL2</b>	8-port Hardened PoE+ Switch with Integral Power on a Backplane

### Accessories (order separately)



#### 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

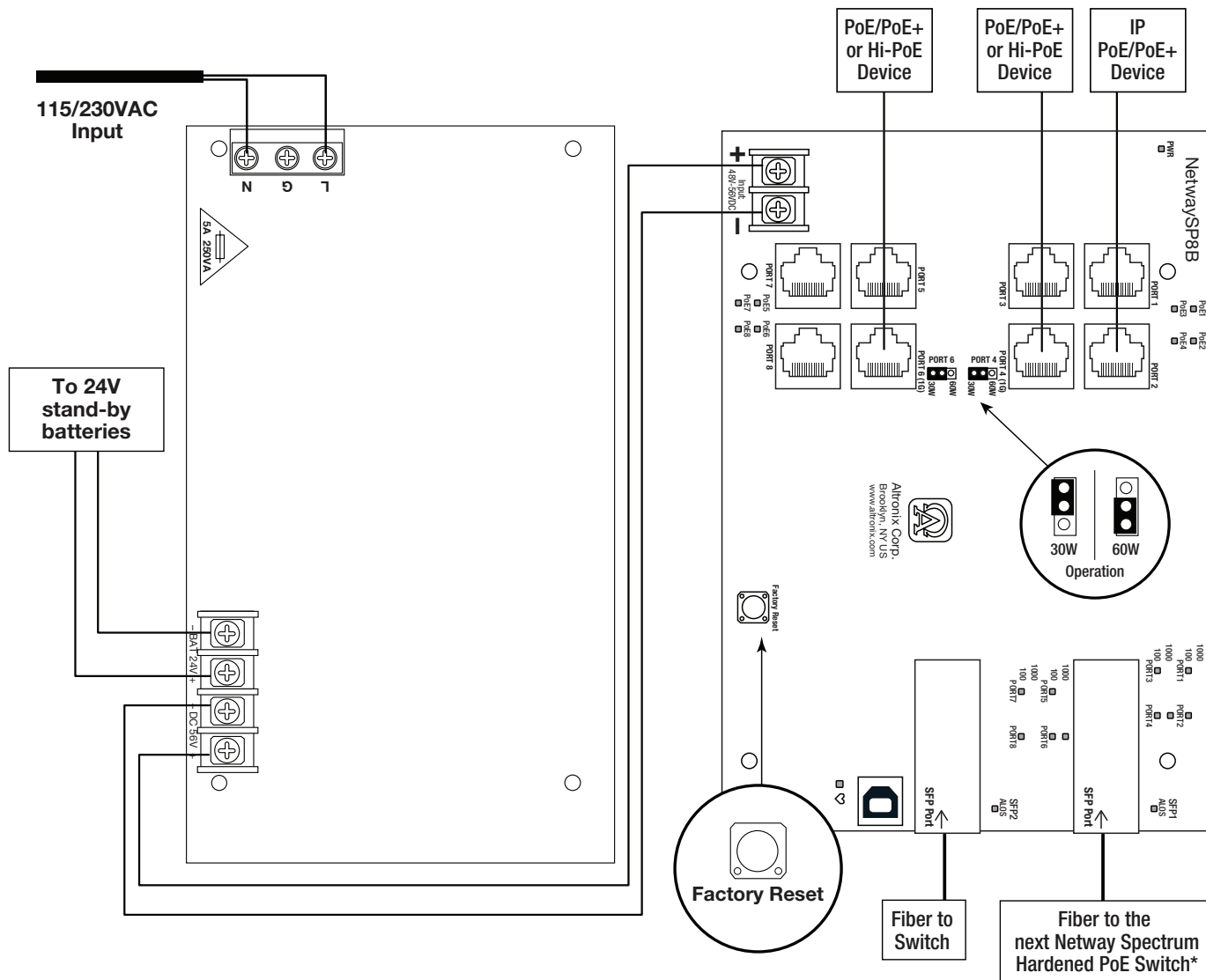


#### NetWaySP1A

Ethernet over Fiber Media Converter/Repeater for Applications Requiring an Additional SFP (Fiber) Port  
NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).

#### 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



## NetWaySP8X2

8-port Hardened Indoor PoE+ Switch with Integral Power



### Specifications

#### Input

Voltage	115VAC, 60Hz, 1.8A or 230VAC, 50/60Hz, 1A
Input Fuse	5A/250V

#### Power Output

Maximum Power	Eight (8) PoE+ (30W) ports or two (2) Hi-PoE (60W) ports IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant 240W total power Integral surge protection
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**Fiber Ports:** Two (2) Gigabit SFP ports

**Ethernet Ports:** Six (6) 100 Mbps full duplex only  
(ports 1, 2, 3, 5, 7 and 8) and  
two (2) 10/100/1000 Mbps ports  
Connectivity: RJ45, auto-crossover  
Wire type: 4-pair CAT5e or higher  
structured cable  
Speed: 10/100/1000 Mbps  
half/full duplex, auto negotiation

#### Battery Charging

Type	24VDC charging circuit charges LiFePO <sub>4</sub> (Lithium Iron Phosphate) or sealed lead acid or gel type batteries (require separate ventilated enclosure)
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**Failover** Upon AC loss, instantaneous  
Batteries are sold separately

#### 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

#### 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

#### Agency Listings

CE European Conformity

#### Physical and Environmental

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

Enclosure:	13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm)
Shipping:	15" x 13.875" x 4.75" (381mm x 352.4mm x 120.6mm)

##### Weight (approx.)

Product:	6.85 lb. (3.11 kg)
Shipping:	7.75 lb. (3.51 kg)

##### Temperature

<b>Operating:</b>	
240W:	- 30°C to 55°C (- 22°F to 131°F)
180W:	- 30°C to 65°C (- 22°F to 149°F)
150W:	- 30°C to 75°C (- 22°F to 167°F)
<b>Storage:</b>	- 30°C to 85°C (- 22°F to 185°F)

**Relative Humidity:** 85% +/- 5%

**BTU/Hr. (approx.):** 122 BTU/Hr.

**Operating Altitude:** - 304.8 to 2,000m

#### Lifetime Warranty

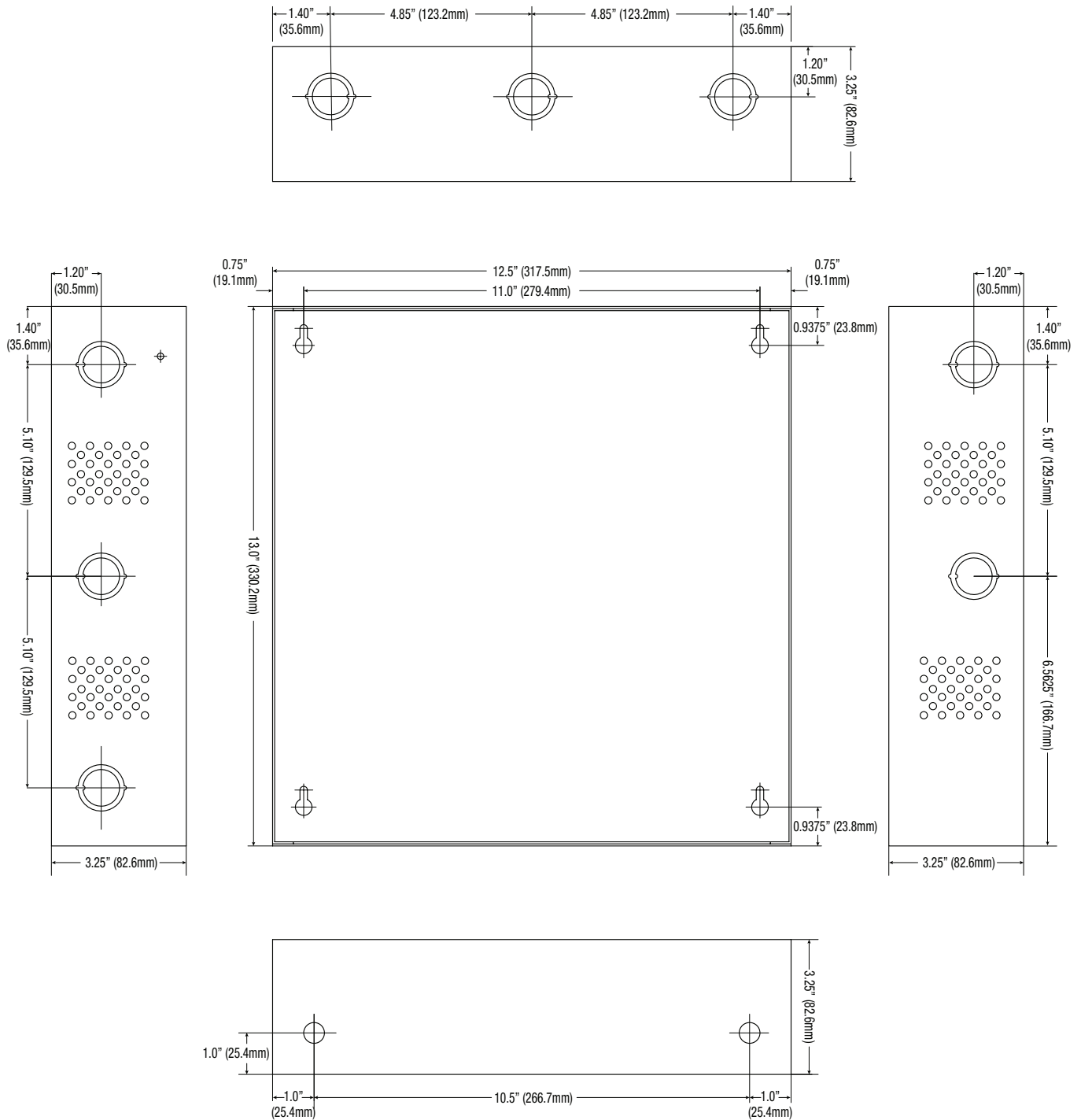
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### Dimensions and Drawing

Dimensions (H x W x D approximate)

13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)



### Lifetime Warranty

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