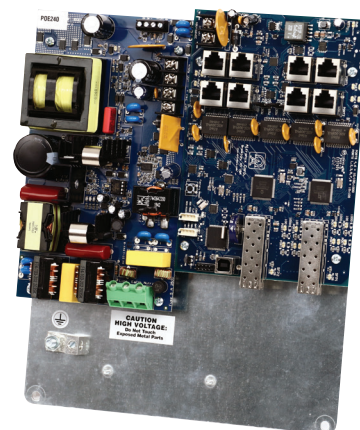


## NetWaySP8PL2

### 8-port Hardened PoE+ Switch with Integral Power on a Backplane



Altronix NetWaySP8PL2 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. NetWaySP8PL2 accommodates single/multi-mode fiber or composite cable (fiber+copper) to simultaneously deliver power and data from NetWay Spectrum head-end media converters/injectors. Embedded LINQ Technology allows to monitor, control, and report power and diagnostics from anywhere.



NetWaySP8PL2

#### 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
- Switch and power supply are factory mounted on a backplane
- 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>NetWaySP8X2</b>	8-port Hardened PoE+ Switch with Integral Power in NEMA 1 Rated indoor enclosure

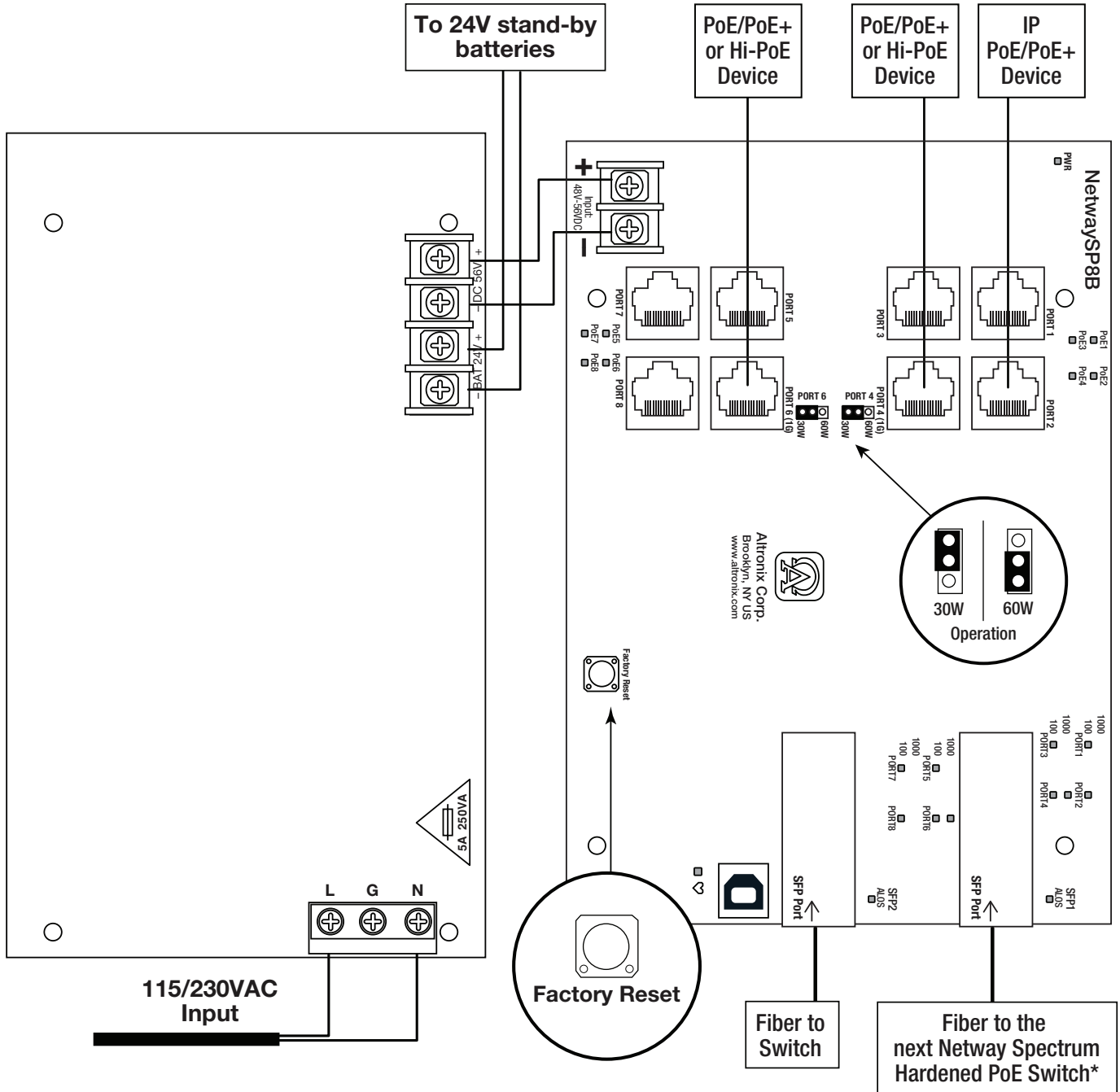
#### Lifetime Warranty

# NetWaySP8PL2

8-port Hardened PoE+ Switch with Integral Power on a Backplane



## Typical Application



### Lifetime Warranty

## NetWaySP8PL2

8-port Hardened PoE+ Switch with Integral Power on a Backplane



### Specifications

#### Input

Voltage 115VAC, 60Hz, 1.8A or 230VAC, 50/60Hz, 1A  
Fusing 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

#### SFP 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

#### Back-up Battery

Type 24VDC charging circuit charges  
LiFePO<sub>4</sub> (Lithium Iron Phosphate) or  
sealed lead acid or gel type batteries  
(require separate ventilated enclosure)

#### Failover

Upon AC loss, instantaneous

#### Indicators (LED)

Individual PoE On LEDs for each port  
Individual IP Link status, 10/100/1000 Base-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 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

#### Agency Listings

CE European Conformity

#### Physical and Environmental

Backplane Dimensions (H x W x D approx.):  
10.75" x 8.875" x 2.375" (273.1mm x 225.4mm x 60.3mm)

#### Product Weight / Shipping (approx.)

Product Weight: 2.8 lb. (1.27 kg)  
Shipping Weight: 4.2 lb. (1.9 kg)

#### Temperature

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

Relative Humidity 85% +/-5%

BTU/Hr (approx.): 61 BTU/Hr.

Operating Altitude: -304.8 to 2,000m

### 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

#### 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