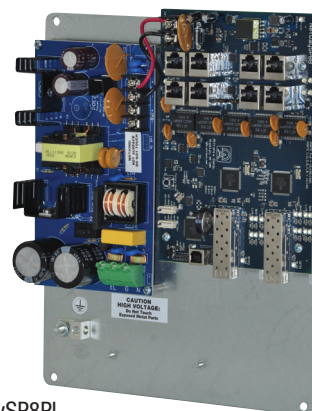


## NetWaySP8PL

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

Altronix NetWaySP8PL PoE+ Switch provides two (2) 1Gb SFP (Fiber) ports and eight (8) PoE+ (30W) or two (2) 60W ports. Cameras/edge devices may be located up to 100m from the unit. Embedded LINQ Technology allows you to monitor, control, and report power and diagnostics from anywhere.



NetWaySP8PL

#### Key Features

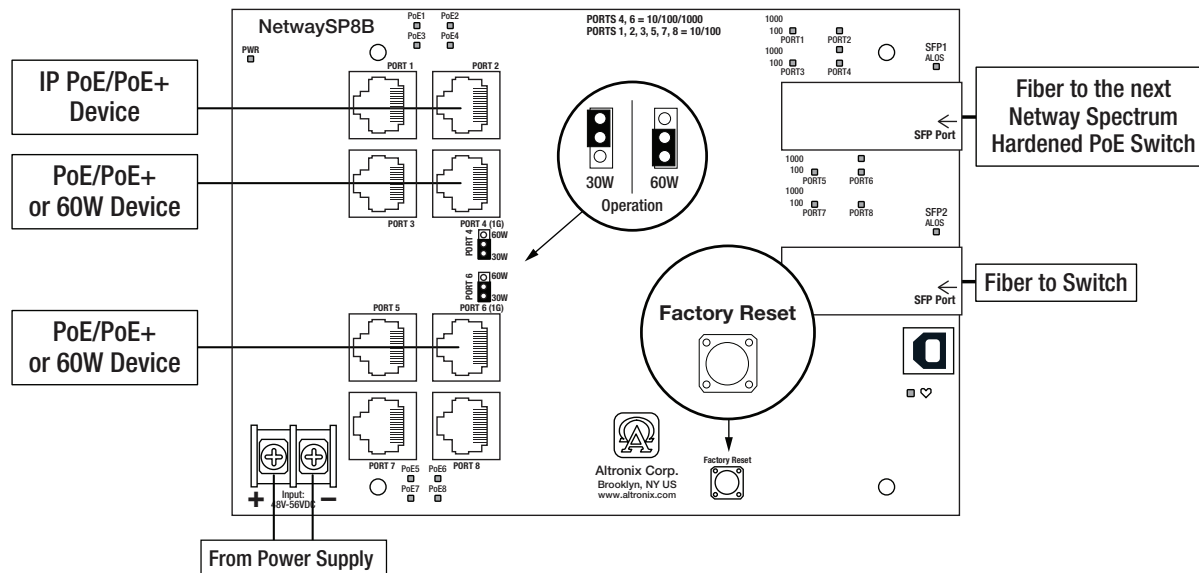
- Two (2) Gigabit SFP ports
- 115W total power:
  - Eight (8) PoE/PoE+ (up to 30W) ports or two (2) 60W ports
- Two (2) 10/100/1000 Mbps ports
- Six (6) 10/100 Mbps ports
- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant, or 60W
- PoE activity LED indicators
- VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

#### Similar products

<b>NetWaySP8WPX</b>	Outdoor 8-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWaySP8WP</b>	Outdoor 8-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP8WPN</b>	Outdoor 8-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP8X</b>	Indoor 8-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure
<b>NetWaySP8B</b>	8-port PoE+ Hardened Switch (board only)

#### Lifetime Warranty

### Typical Application



### 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



## NetWaySP8PL

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



### Specifications

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

##### Input

Voltage 56VDC from POE201

##### 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 (POE201):

##### Input

Voltage 115VAC, 60Hz, 2.5A or 230VAC, 50/60Hz, 1.3A  
Input Fuse 5A/250V

##### Output

Voltage 56VDC/120W  
Current 2.2A continuous supply current  
Maximum Power 120W total power  
Integral surge protection

##### Battery Charging

Type Sealed lead acid or gel type  
Failover Upon AC loss, instantaneous  
Charging Circuit 48VDC, 0.75A  
Batteries are sold separately

#### NetWaySP8PL:

##### Agency Listings

UL/cUL UL60950-1 (Information Technology Equipment)  
UL60950-22 (Information Technology Equipment to be installed Outdoors)  
CE European Conformity

##### Physical and Environmental

16 gauge stainless steel backplane with mounting holes.

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

Backplane: 10.75" x 8.875" x 2.375"  
(273.1mm x 225.4mm x 60.3mm)  
Shipping: 12" x 10" x 8"  
(304.8mm x 254mm x 203.2mm)

##### Weight (approx.)

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

##### Temperature

Operating:  
60W: -40°C to 75°C (-40°F to 167°F)  
75W: -40°C to 70°C (-40°F to 158°F)  
100W: -40°C to 55°C (-40°F to 131°F)  
120W: -40°C to 45°C (-40°F to 113°F)  
Storage: -40°C to 85°C (-40°F to 185°F)

Relative Humidity 85% +/- 5%

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

Operating Altitude: -304.8 to 2,000m

#### Lifetime Warranty

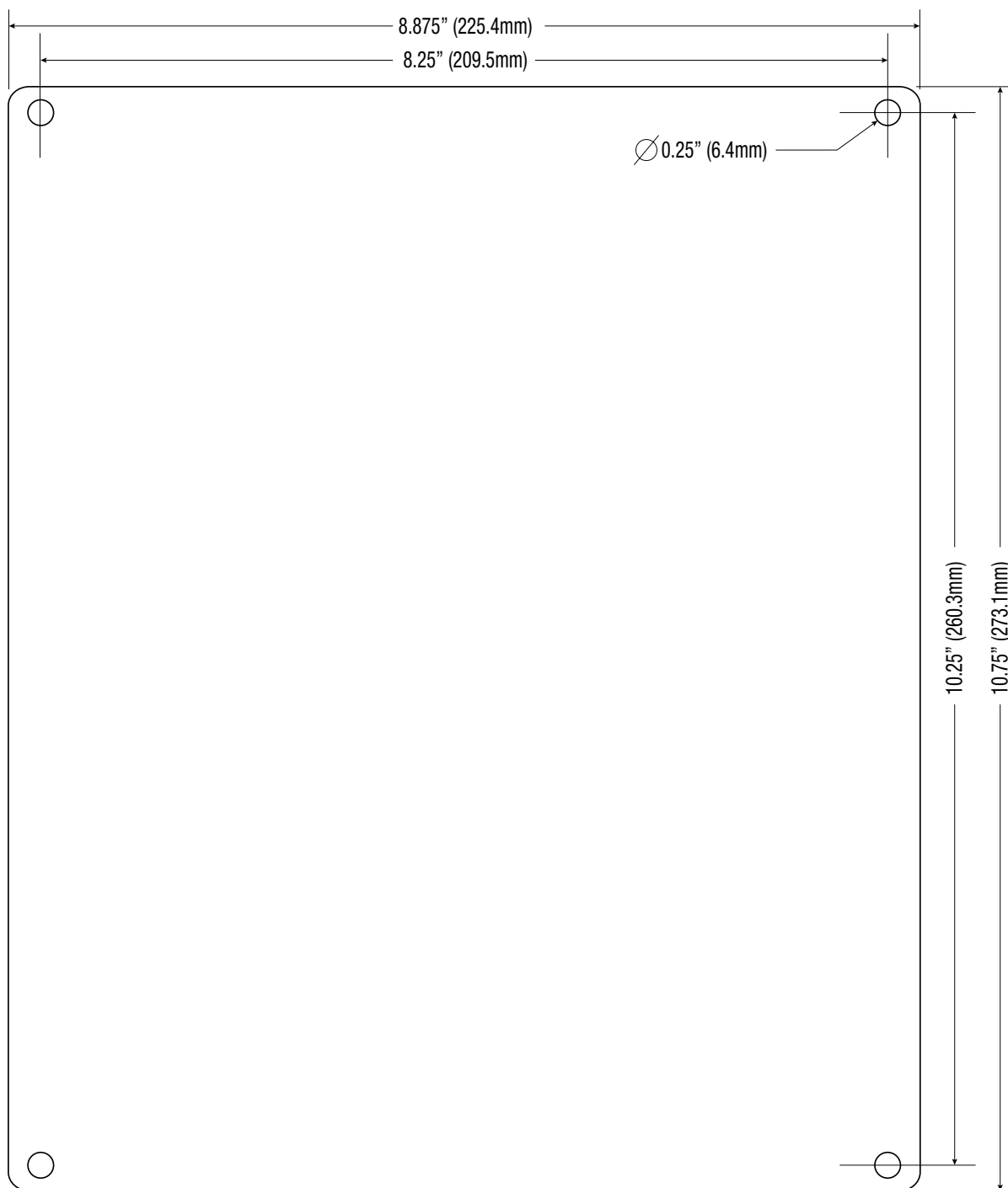
Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

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

**Dimensions and Drawing**

Backplane Dimensions (H x W x D approximate)

10.75" x 8.875" x 2.375" (273.1mm x 225.4mm x 60.3mm)

**Lifetime Warranty**

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