

## NetWaySP4PL

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



Altronix NetWaySP4PL PoE+ Switch provides two (2) 1Gb SFP (Fiber) ports and four (4) PoE+ (30W) ports, passing data for PoE/PoE+ compliant devices. 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.

For unmanaged switch see model [NetWaySP41PL](#).



NetWaySP4PL

### Key Features

- Two (2) Gigabit SFP ports
- 120W total power:
  - Four (4) PoE/PoE+ (up to 30W) ports
- Four (4) 10/100/1000 Mbps ports
- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant
- 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

|                              |   |
|------------------------------|---|
| <a href="#">NetWaySP4WPX</a> | Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries |
| <a href="#">NetWaySP4WP</a>  | Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure                                       |
| <a href="#">NetWaySP4WPN</a> | Outdoor 4-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure                                  |
| <a href="#">NetWaySP4X</a>   | Indoor 4-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure                                       |
| <a href="#">NetWaySP4B</a>   | 4-port PoE+ Hardened Switch (board only)  |

### Lifetime Warranty

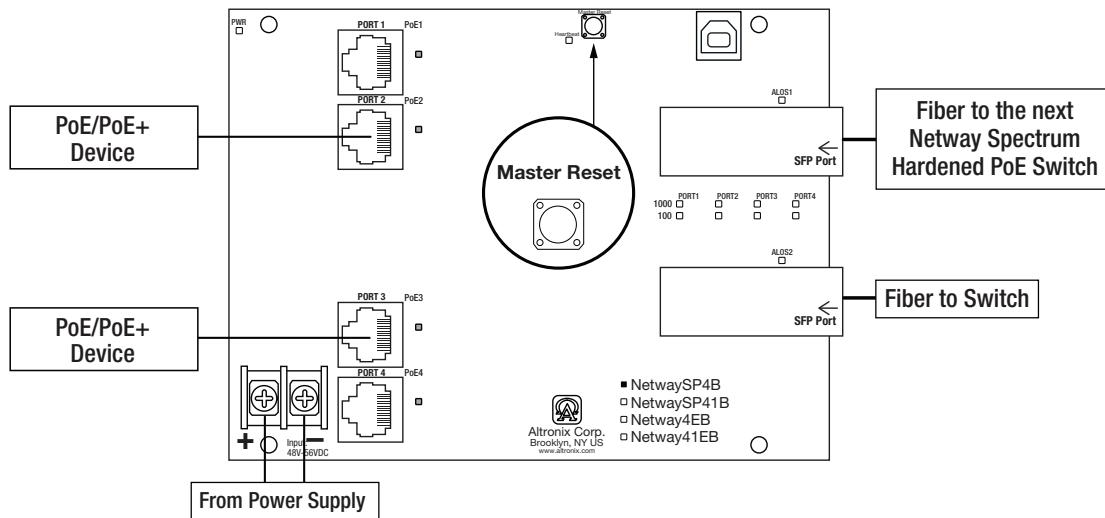
Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

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

## NetWaySP4PL

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

### 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

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

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)

## NetWaySP4PL

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



### Specifications

#### 4-port PoE+ Hardened Switch (NetWaySP4B):

##### Input

Voltage 56VDC from POE201

##### Power Output

Maximum Power Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) 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:

Four (4) 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

#### NetWaySP4PL:

##### 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

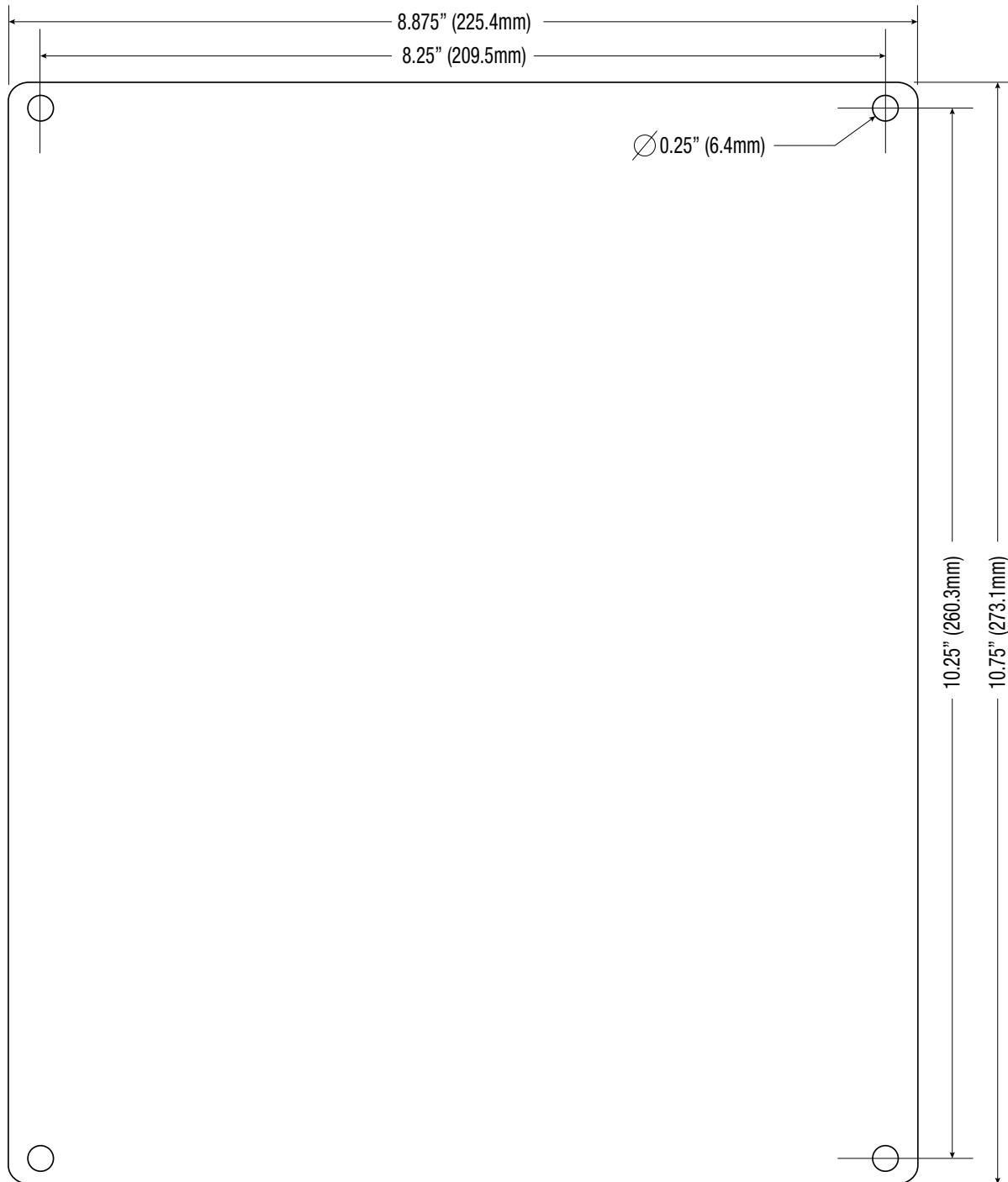
**NetWaySP4PL**

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

 Netway®  
SPECTRUM**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**

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

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)