

## 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

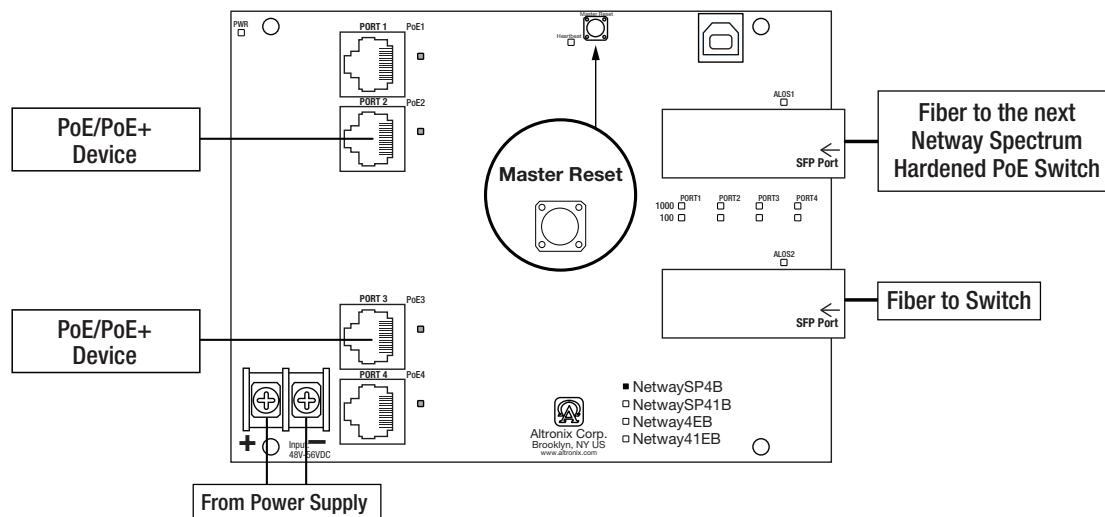
- Two (2) Gigabit SFP ports
- 120W total power:
  - Four (4) PoE/PoE+ (up to 30W) ports
- Four (4) 10/100/1000 Mbps ports
- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant
- PoE activity LED indicators
- VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

### Similar products

<b>NetWaySP4WPX</b>	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWaySP4WP</b>	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP4WPN</b>	Outdoor 4-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP4X</b>	Indoor 4-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure
<b>NetWaySP4B</b>	4-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



## 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

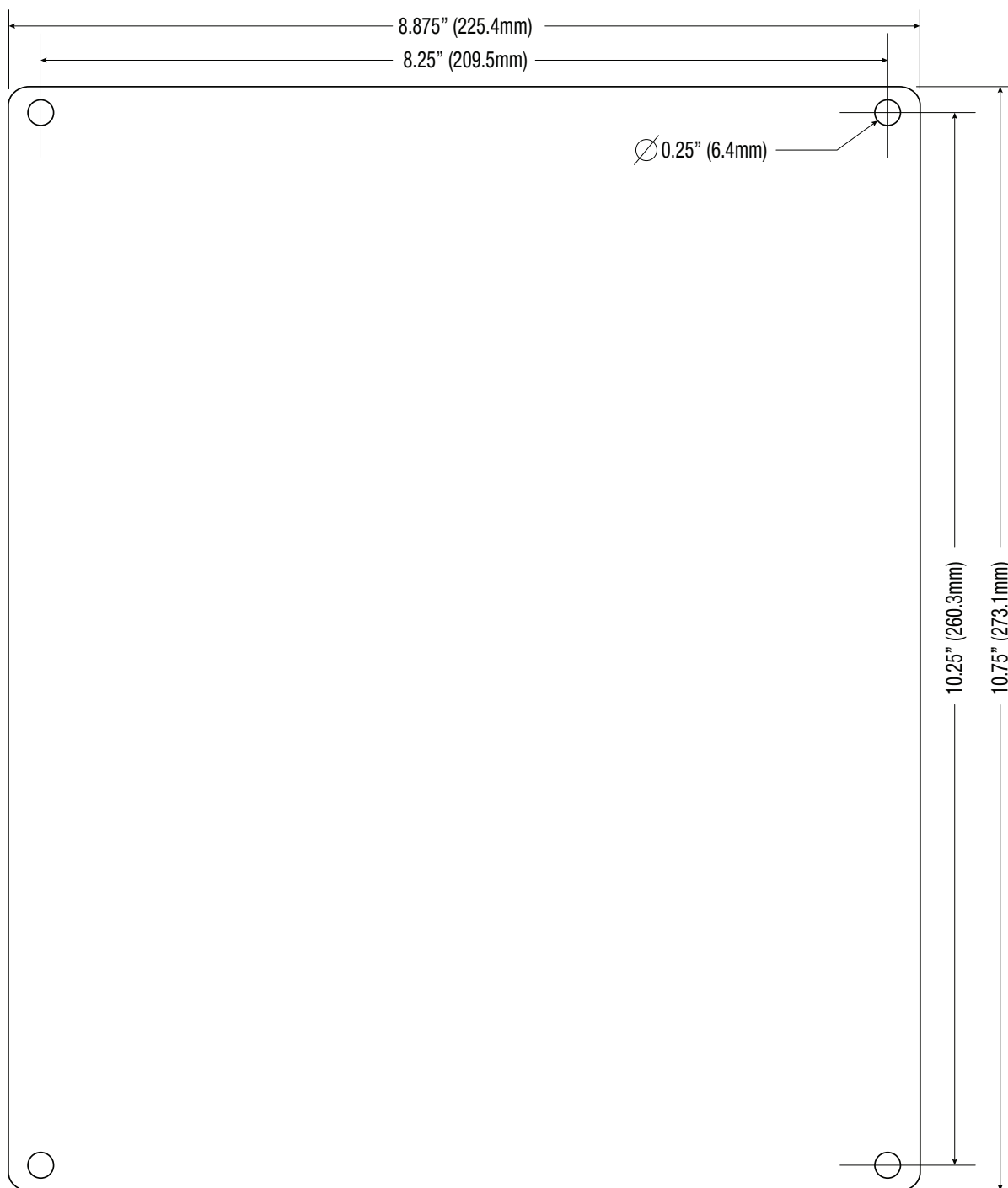
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## Dimensions and Drawing

Backplane Dimensions (H x W x D approximate)

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



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