

## NetWaySP41BTPL

4-port Hardened 4PPoE (802.3bt) Switch with Integral Power on a Backplane



Altronix NetWaySP41BTPL supports up to 90W 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 four (4) 802.3bt compliant Ethernet ports. NetWaySP41BTPL accommodates single/multi-mode fiber cable to simultaneously deliver data from NetWay Spectrum head-end media converters/injectors.

For managed switch see model **NetWaySP4BTPL**.



NetWaySP41BTPL

### Key Features

- Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 240W total power)
- IEEE 802.3af, 802.3at, 802.3bt compliant
- Two (2) Gigabit SFP ports
- 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

### Similar products

<b>NetWaySP41BTWPX</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWaySP41BTWP</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP41BTWPN</b>	Outdoor 4-port Hardened 4PPoE Switch in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP41BTX</b>	4-port Hardened 4PPoE Switch with Integral Power in NEMA 1 Rated indoor enclosure
<b>NetWaySP41BTB</b>	4-port Hardened 4PPoE Switch (board only)

### 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

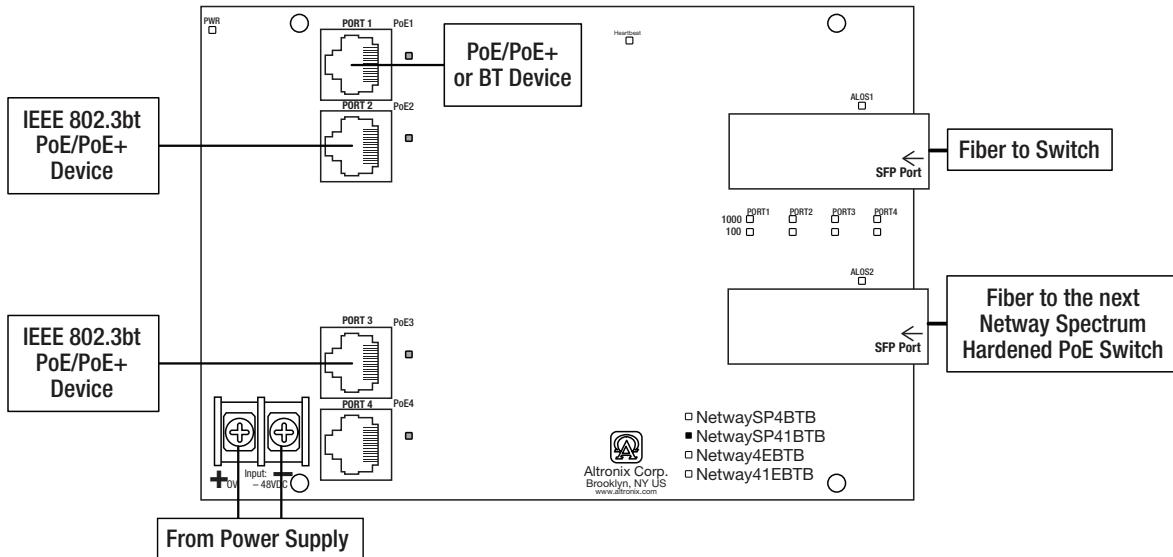
Ethernet over Fiber Media Converter/Repeater for Applications Requiring an Additional SFP (Fiber) Port  
NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).

### Lifetime Warranty

## NetWaySP41BTPL

4-port Hardened 4PPoE (802.3bt) Switch with Integral Power on a Backplane

### 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](mailto:info@altronix.com) | [www.altronix.com](http://www.altronix.com)

## NetWaySP41BTPL

4-port Hardened 4PPoE (802.3bt) Switch with Integral Power on a Backplane



### Specifications

#### 4-port PoE+ Hardened Switch (NetWaySP41BTB):

##### Input

Voltage 56VDC from POE240

##### Power Output

Maximum Power Four (4) PoE ports rated at 90W each, 240W total power max.  
IEEE 802.3af (15W), IEEE 802.3at (30W), IEEE 802.3bt (90W) compliant  
Integral surge protection

SFP Ports: Two (2) Gigabit SFP ports

Ethernet Ports: Four (4) 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

##### 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

#### Power Supply/Charger (POE240):

##### Input

Voltage 115VAC, 60Hz, 2.5A or 230VAC, 50/60Hz, 1.3A

Input Fuse 5A/250V

##### Output

Voltage Range 56VDC/240W  
Current 6.4A continuous supply current  
Maximum Power 240W total power  
(refer to operating temperature)  
Integral surge protection

##### Battery Charging

Type LiFePO<sub>4</sub> (Lithium Iron Phosphate) or sealed lead acid or gel type  
Failover Upon AC loss, instantaneous  
Charging Circuit 24VDC, 0.75A  
Batteries are sold separately

#### NetWaySP41BTPL:

##### Agency Listings:

CE European Conformity

##### Physical and Environmental

###### 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: 2.6 lb. (1.18 kg)

Shipping: 4.0 lb. (1.81 kg)

###### Temperature

###### Operating:

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)

###### Storage:

-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

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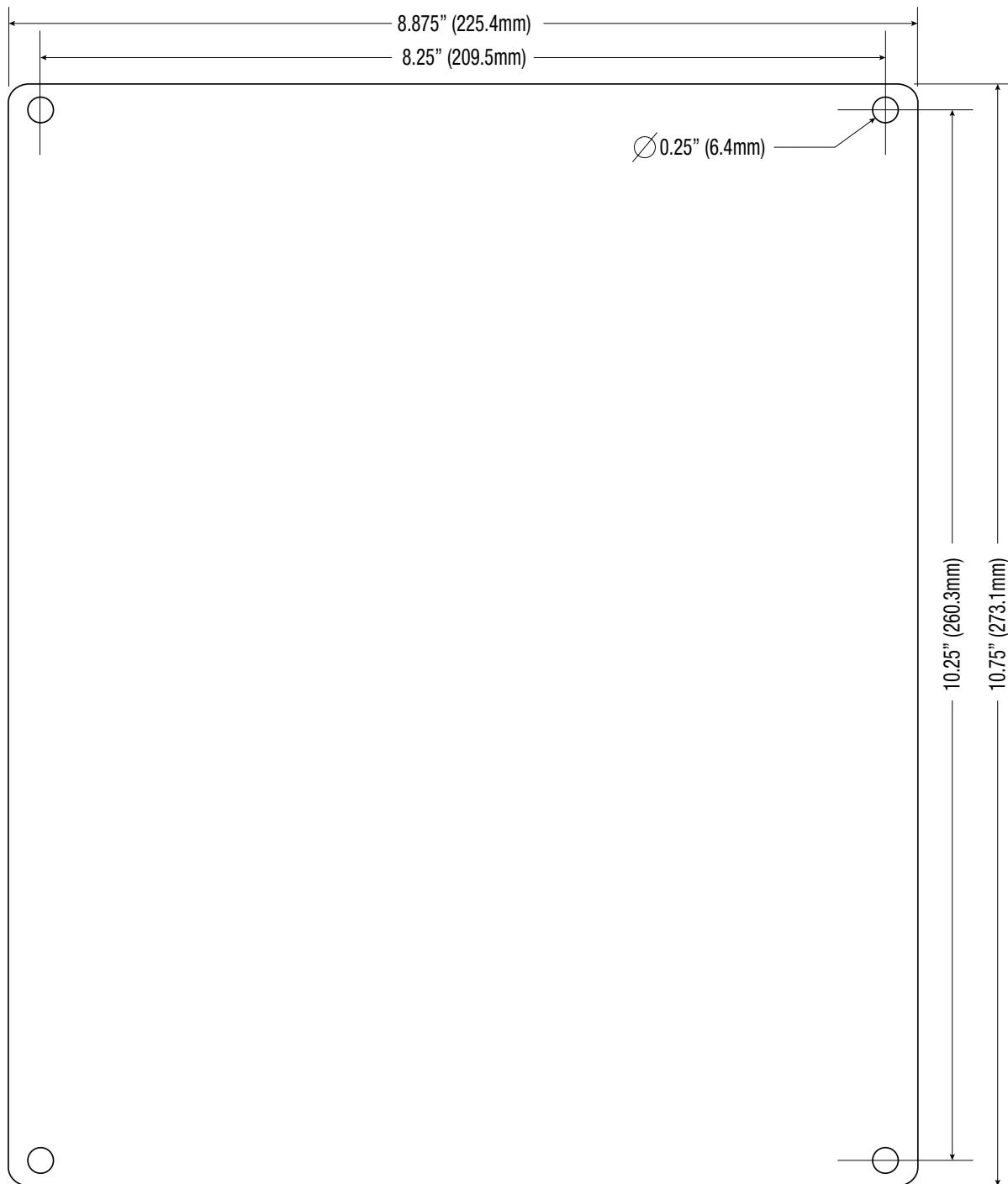
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**Dimensions and Drawing**

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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