

## NetWaySP4BTB

4-port Hardened 4PPoE (802.3bt) Switch



Altronix NetWaySP4BTB switch board supports up to 90W per port (320W 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. NetWaySP4BTB 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.

For unmanaged switch see model **NetWaySP41BTB**.



NetWaySP4BTB

### Key Features

- External 48-55V UL Listed ITE power supply required
- IEEE 802.3af, 802.3at, 802.3bt compliant
- Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 320W total power)
- Two (2) Gigabit SFP ports
- PoE activity LED indicators
- VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security

- CE European Conformity

#### 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>NetWaySP4BTWPX</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWaySP4BTWP</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP4BTWPN</b>	Outdoor 4-port Hardened 4PPoE Switch in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP4BTX</b>	Indoor 4-port Hardened 4PPoE Switch in NEMA 1 Rated indoor enclosure
<b>NetWaySP4BTPL</b>	4-port Hardened 4PPoE Switch with Integral Power on a Backplane

### Lifetime Warranty

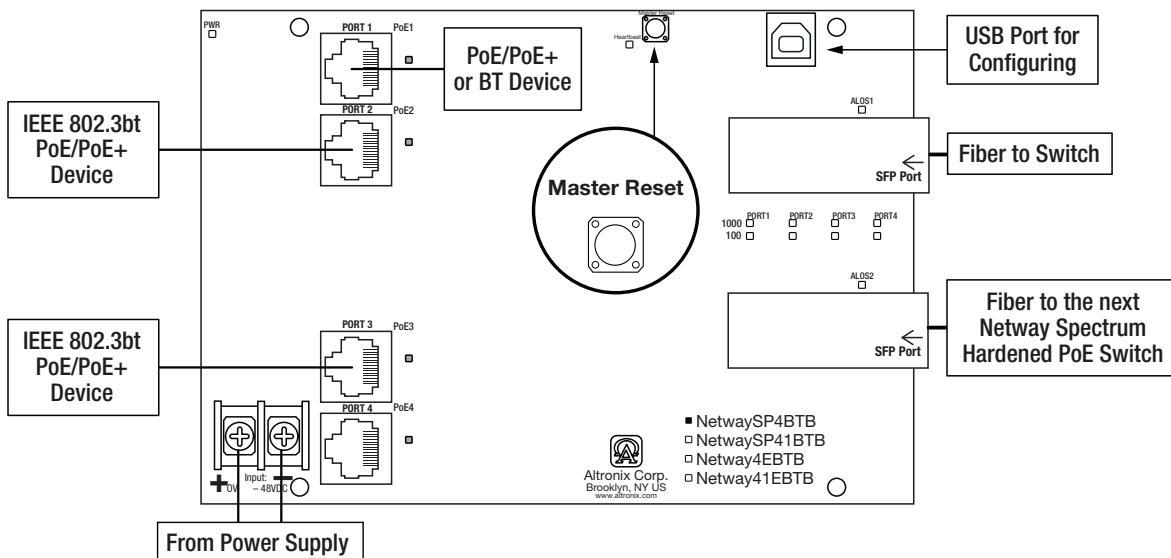
Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

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)

## NetWaySP4BTB

4-port Hardened 4PPoE (802.3bt) Switch

### Typical Application



### Power Sourcing Equipment and Accessories (order separately)



**NetWaySP4PX - Ethernet to Fiber Media Converter with Integral Power Supply/Charger**  
 4-port Ethernet to Fiber Media Converter for applications utilizing composite (power + copper) or conventional cabling  
 Unit provides power up to 120W per port (480W total power). Four (4) 1Gb SFP ports.



#### 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).



#### POE240 - 240W Power Supply/Charger

Provides 240W for NetWay Spectrum switches.  
 It also features a built-in charger for Lithium Iron Phosphate or sealed lead acid batteries.

#### POE360/POE367 - 360W Power Supply/Charger

Provides 360W for NetWay Spectrum switches.  
 It also features a built-in charger for sealed lead acid or gel type batteries.

#### Lifetime Warranty

**Specifications****Input** 48V-56V (UL Listed ITE power supply)**Output** Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 320W total power)  
IEEE 802.3af, 802.3at, 802.3bt compliant**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, 10/100/1000 Base-T/active LEDs for each port

ALOS LED indicates fiber connection for SFP port

Heartbeat LED indicates proper operation of the unit

**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

**VLAN:**Multiple management VLAN assignment  
802.1Q Tagged VLAN  
Up to 10 VLAN groups. ID Range 2-4095**Agency Listings**

CE European Conformity

**Physical and Environmental****Dimensions (L x W x H)**Board:  
6.25" x 4.5" x 0.625" (158.8mm x 114.3mm x 15.9mm)  
Shipping:  
13" x 10" x 6" (330.2mm x 254mm x 152.4mm)**Weight (approx.)**Product: 0.4 lb. (0.18 kg)  
Shipping: 0.75 lb. (0.34 kg)**Temperature****Operating:**  
240W: – 40°C to 55°C (– 40°F to 131°F)  
180W: – 40°C to 65°C (– 40°F to 149°F)  
150W: – 40°C to 75°C (– 40°F to 167°F)  
**Storage:** – 40°C to 85°C (– 40°F to 185°F)**Relative Humidity** 85% +/- 5%**Operating Altitude:** – 304.8 to 2,000m

Mounting hardware is included

**Lifetime Warranty**

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

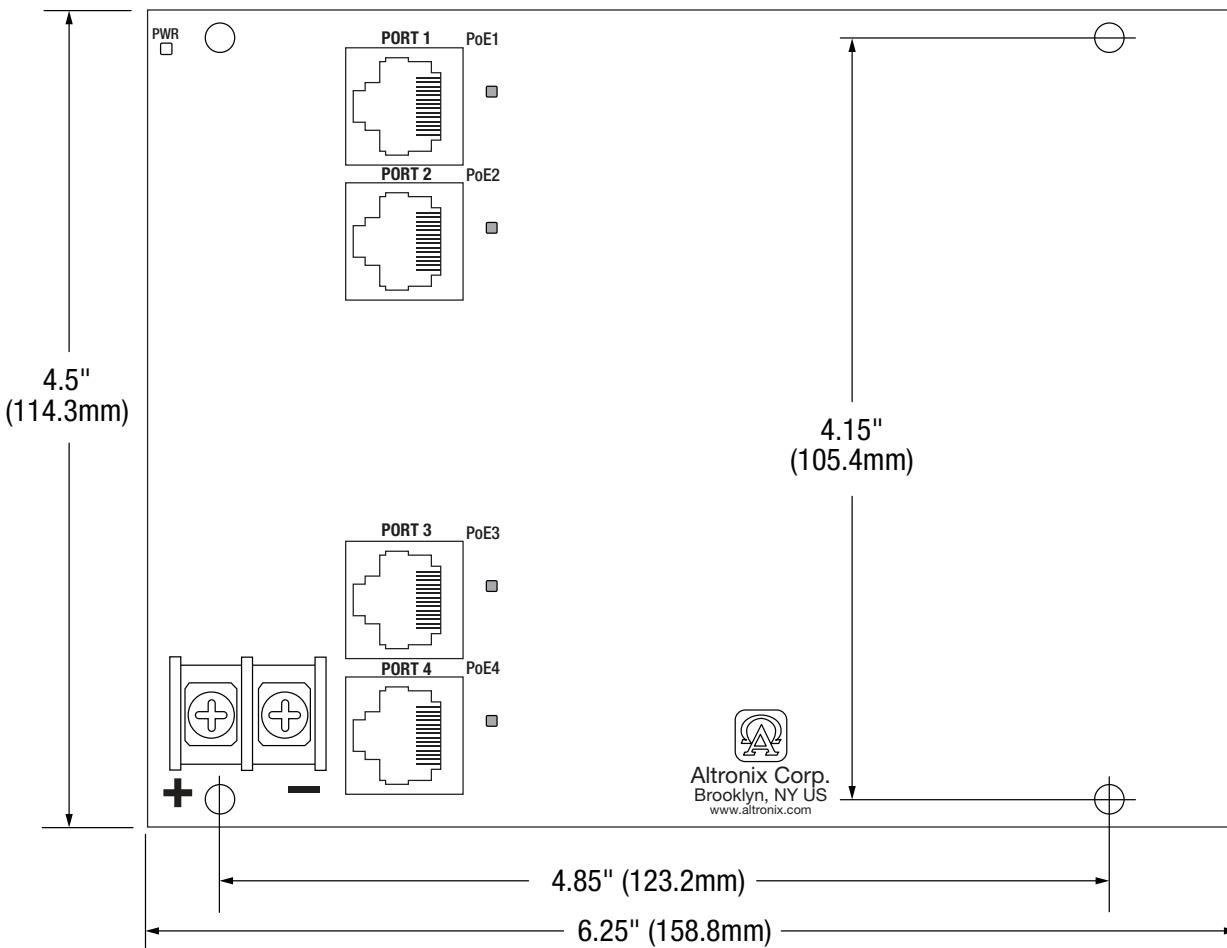
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

**Dimensions and Drawing**

Board Dimensions (L x W x H approximate)

6.25" x 4.5" x 0.625" (158.8mm x 114.3mm x 15.9mm)

Mounting Holes' Tolerance: +/- 0.04 in. (1mm)

**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)