

NetWaySP41BTB

4-port Hardened 4PPoE (802.3bt) Switch



Altronix NetWaySP41BTB 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. NetWaySP41BTB accommodates single/multi-mode fiber or composite cable (fiber+copper) to simultaneously deliver power and data from NetWay Spectrum head-end media converters/injectors.

For managed switch see model **NetWaySP4BTB**.



NetWaySP41BTB

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
- CE European Conformity

Similar products

NetWaySP41BTWPX	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP41BTWP	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
NetWaySP41BTWPN	Outdoor 4-port Hardened 4PPoE Switch in NEMA 4/4X, IP66-11 enclosure
NetWaySP41BTX	Indoor 4-port Hardened 4PPoE Switch in NEMA 1 Rated indoor enclosure
NetWaySP41BTPL	4-port Hardened 4PPoE Switch with Integral Power on a Backplane

Lifetime Warranty

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NetWaySP41BTB

4-port Hardened 4PPoE (802.3bt) Switch

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

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

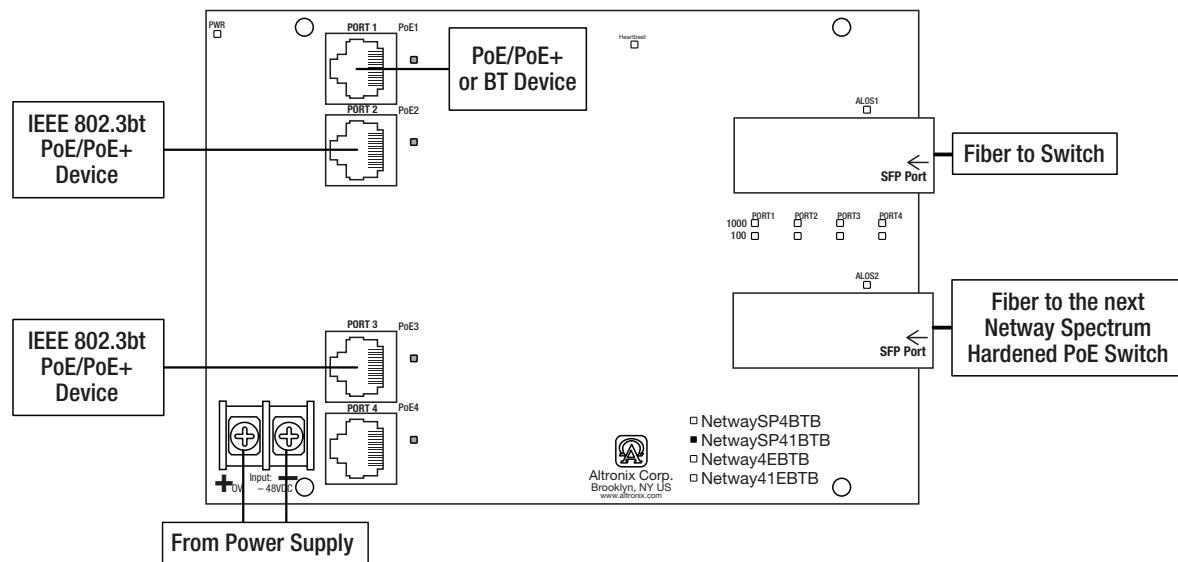
Operating:
240W: -40°C to 55°C (-40°F to 131°F)
180W: -40°C to 65°C (-40°F to 149°F)
150W: -40°C to 75°C (-40°F to 167°F)
Storage: -40°C to 85°C (-40°F to 185°F)

Relative Humidity 85% +/- 5%.

Operating Altitude: -304.8 to 2,000m

Mounting hardware is included

Typical Application



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NetWaySP41BTB

4-port Hardened 4PPoE (802.3bt) Switch

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).

**PoE Power Supplies****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

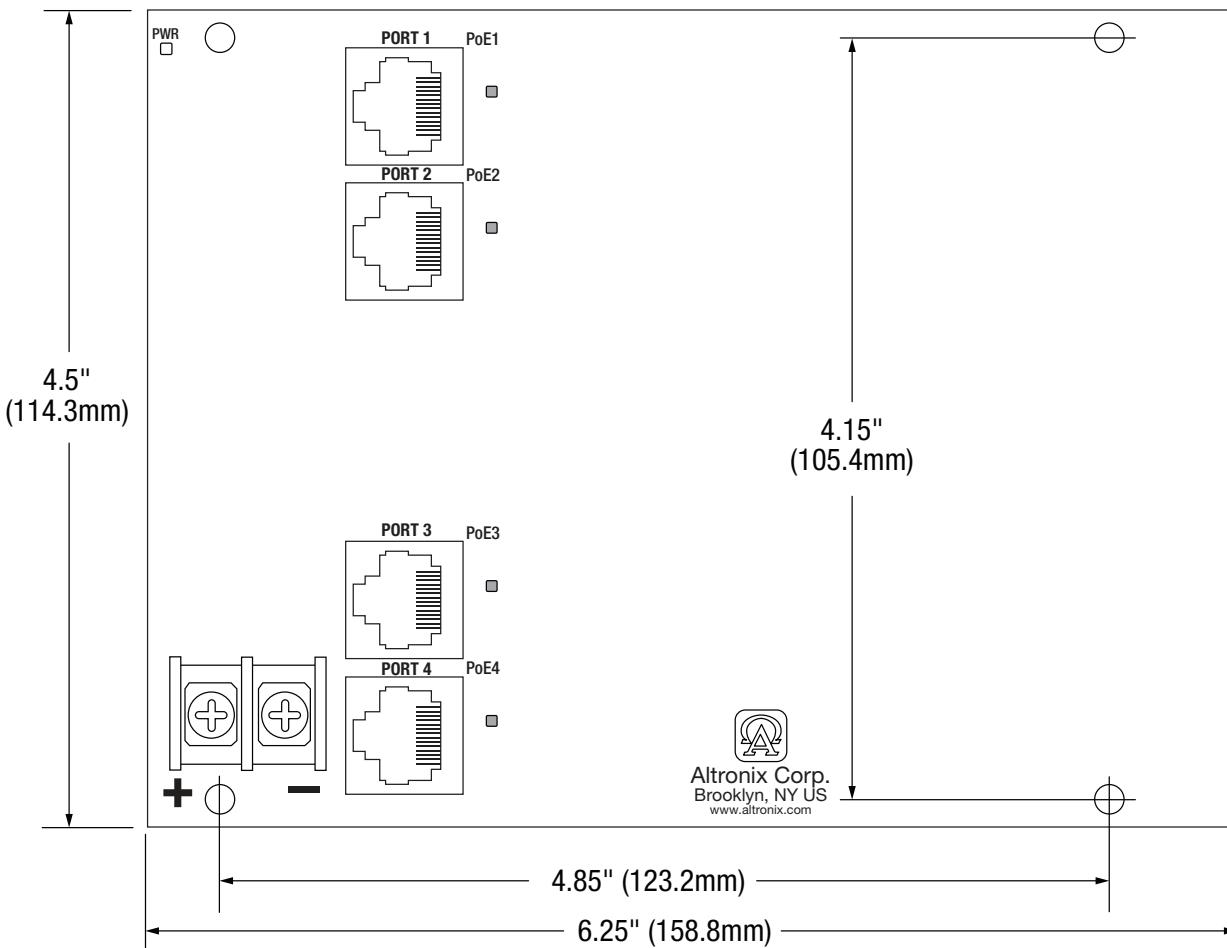
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Dimensions and Drawing**Board Dimensions (L x W x H approximate)**

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**

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