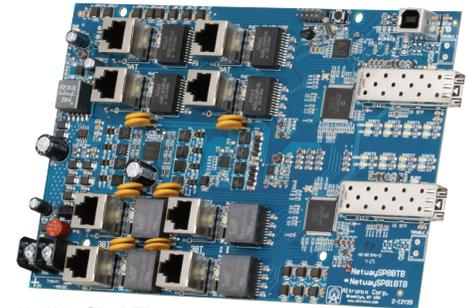


# NetWaySP8BTB

## 8-port Managed Hardened 4PPoE (802.3bt) Switch



Altronix NetWaySP8BTB 8-port hardened switch board supports up to four (4) IP devices rated up to 90W and four (4) rated up to 30W (360W total power). It is equipped with two (2) 1Gb SFP ports to transmit data at long distances, for deploying the latest IP devices in remote locations. NetWaySP8BTB accommodates single/multi-mode fiber or hybrid 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.



NetWaySP8BTB

For unmanaged switch see model NetWaySP81BTB

### Key Features

- External 48-55V power supply required
  - Eight (8) 10/100/1000 Mbps Ethernet ports (limited to 360W total power).
  - Four IEEE 802.3af, 802.3at compliant ports and four IEEE 802.3af, 802.3at, 802.3bt compliant ports
  - Two (2) Gigabit SFP ports
  - VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security
  - PoE activity LED indicators
  - CE European Conformity
  - NDAA and TAA compliant
- 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>NetWaySP8BTWPX</b>	Outdoor 8-port Hardened 802.3 bt PoE Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWaySP8BTWPXN</b>	Outdoor 8-port Hardened 802.3 bt PoE Switch only in NEMA 4/4X, IP66-11 enclosure

### Lifetime Warranty



## NetWaySP8BTB

8-port Managed Hardened 4PPoE (802.3bt) Switch



### Specifications

<b>Input</b>	48V-56V (UL Listed ITE power supply)
<b>Output</b>	Eight (8) 10/100/1000 Mbps Ethernet ports - Four (4) ports rated at 90W each (IEEE 802.3bt compliant) - Four (4) ports rated at 30W each (IEEE 802.3af/802.3at compliant) - 360W total power max.
<b>SFP Ports:</b>	Two (2) Gigabit SFP ports
<b>Ethernet Ports:</b>	Eight (8) 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: 8" x 5.2" x 0.625" (203.2mm x 132.1mm x 15.9mm)
- Shipping: 13" x 10" x 6" (330.2mm x 254mm x 152.4mm)

#### Weight (approx.)

- Product: 0.45 lb. (0.2 kg)
- Shipping: 0.75 lb. (0.34 kg)

#### Temperature

##### Operating:

- 360W: -40°C to 50°C (-40°F to 122°F)
- 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%

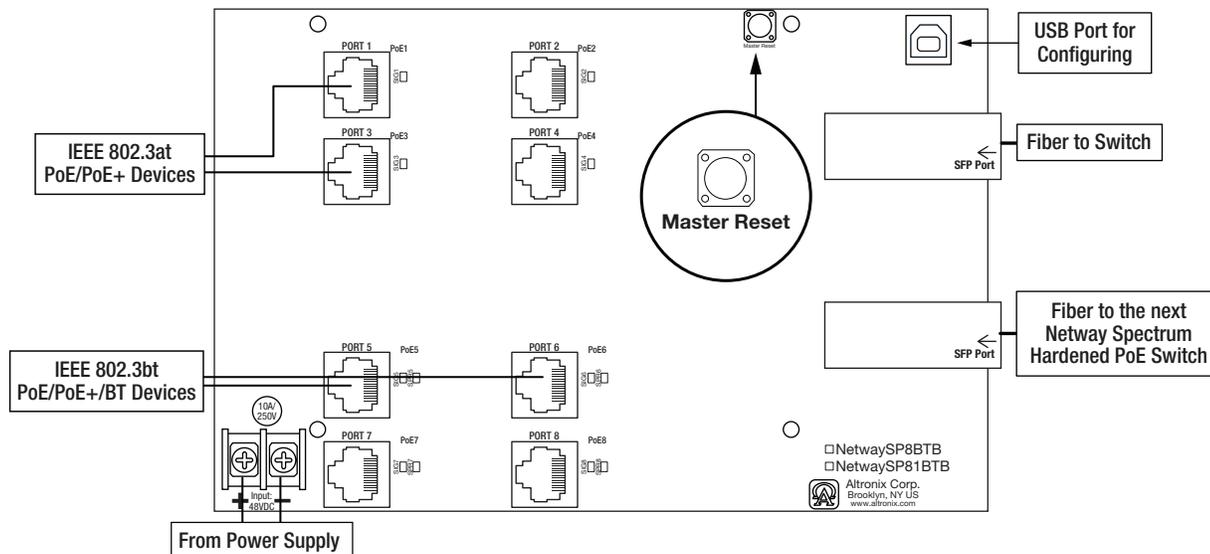
#### Operating Altitude:

-304.8 to 2,000m

Mounting hardware is included

### Lifetime Warranty

### 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).



#### 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.

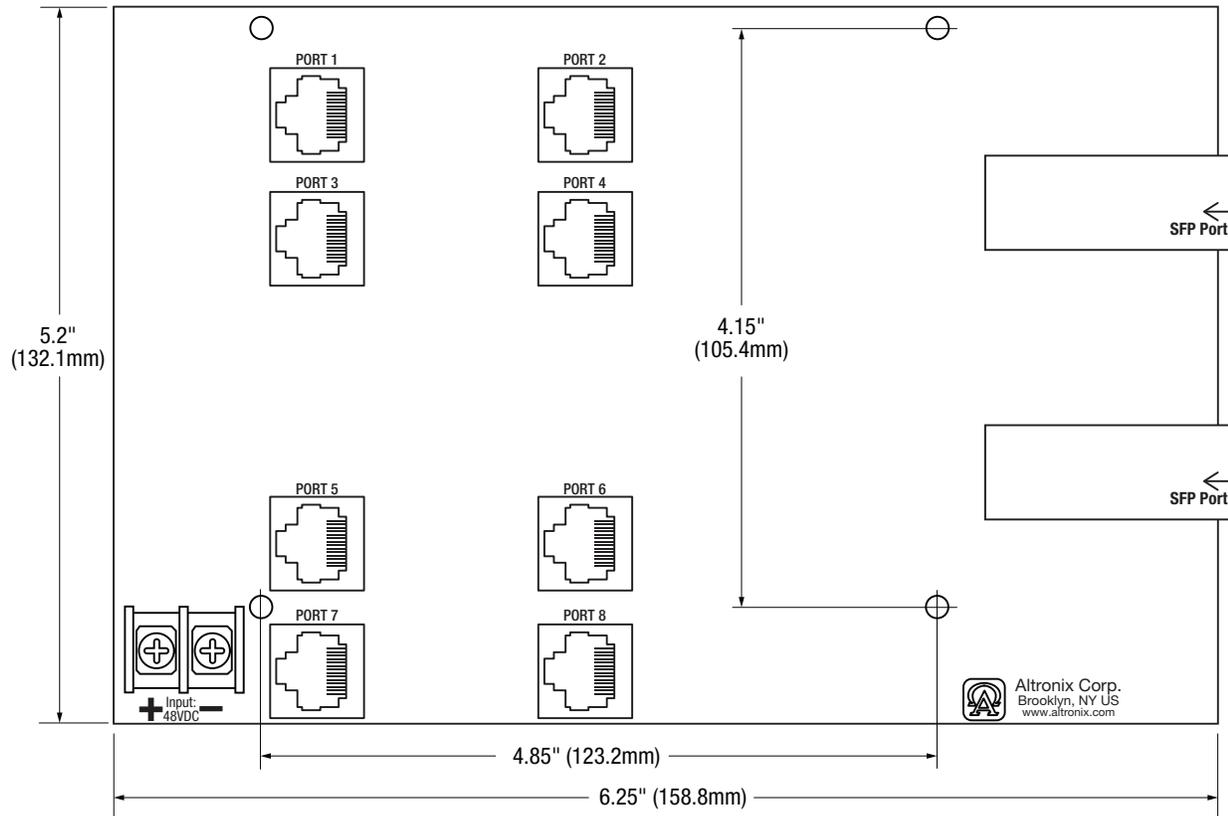
#### Lifetime Warranty

### Dimensions and Drawing

Board Dimensions (L x W x H approximate)

8" x 5.2" x 0.625" (203.2mm x 132.1mm x 15.9mm)

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



### Lifetime Warranty

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