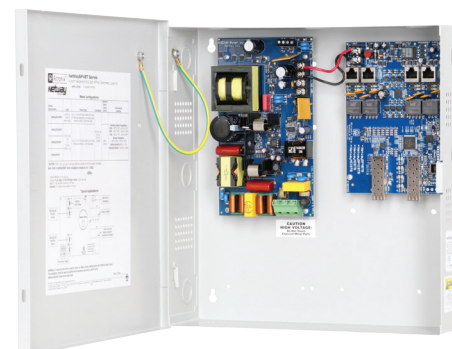


## NetWaySP4BTX

4-port Hardened Indoor 4PPoE (802.3bt) Switch with Integral Power

Altronix NetWaySP4BTX 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. NetWaySP4BTX accommodates single/multi-mode fiber cable to deliver data from NetWay Spectrum head-end media converters/injectors. Embedded LINQ Technology allows to monitor, control, and report power and diagnostics from anywhere.



NetWaySP4BTX

### Key Features

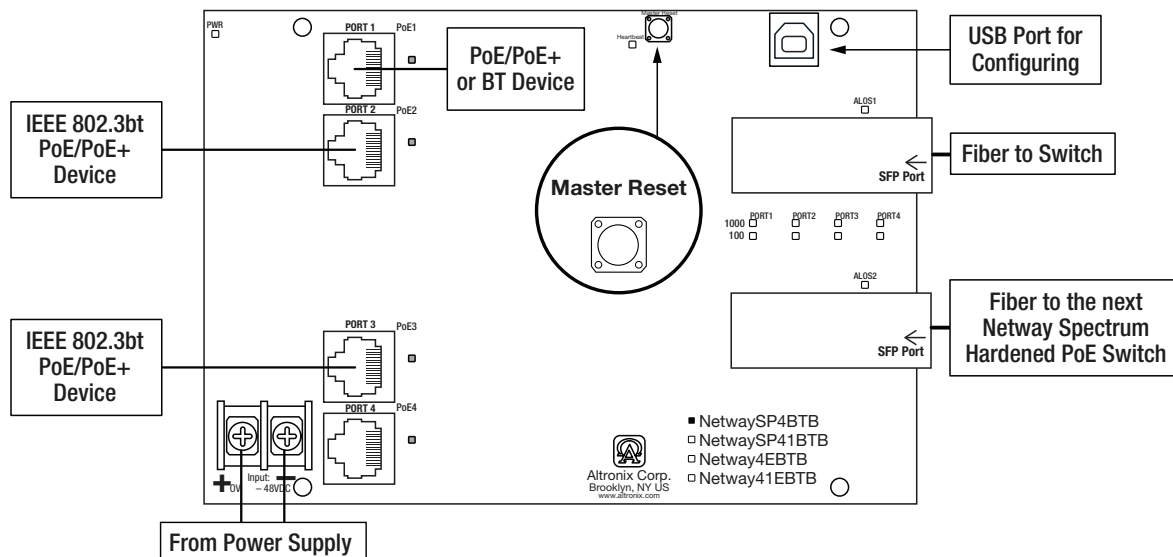
- Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 240W total power)
- IEEE 802.3af, 802.3at, 802.3bt compliant
- Two (2) Gigabit SFP ports
- VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security
- Built-in charger for LiFePO<sub>4</sub> (Lithium Iron Phosphate) or sealed lead acid or gel type batteries
- CE European Conformity
- NEMA 1 Rated enclosure for indoor use
- 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>NetWaySP4BTPL</b>	4-port Hardened 4PPoE Switch with Integral Power on a Backplane
<b>NetWaySP4BTB</b>	4-port Hardened 4PPoE 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

**Specifications****Input**

Voltage	115VAC, 60Hz, 1.8A or 230VAC, 50/60Hz, 1A
Fusing	5A/250V

**Power Output**

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

**Battery Charging**

Type	24VDC charging circuit charges LiFePO <sub>4</sub> (Lithium Iron Phosphate) or sealed lead acid or gel type batteries (require separate ventilated enclosure)
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**Failover** Upon AC loss, instantaneous  
Batteries are sold separately

**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

**VLAN:**

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

**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

**Agency Listings**

CE European Conformity

**Physical and Environmental****Dimensions (H x W x D)**

Enclosure:	13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm)
Shipping:	15" x 13.875" x 4.75" (381mm x 352.4mm x 120.6mm)

**Weight (approx.)**

Product:	6.85 lb. (3.11 kg)
Shipping:	7.75 lb. (3.51 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%

**BTU/Hr (approx.)** 122 BTU/Hr.

**Operating Altitude:** - 304.8 to 2,000m

**Lifetime Warranty**

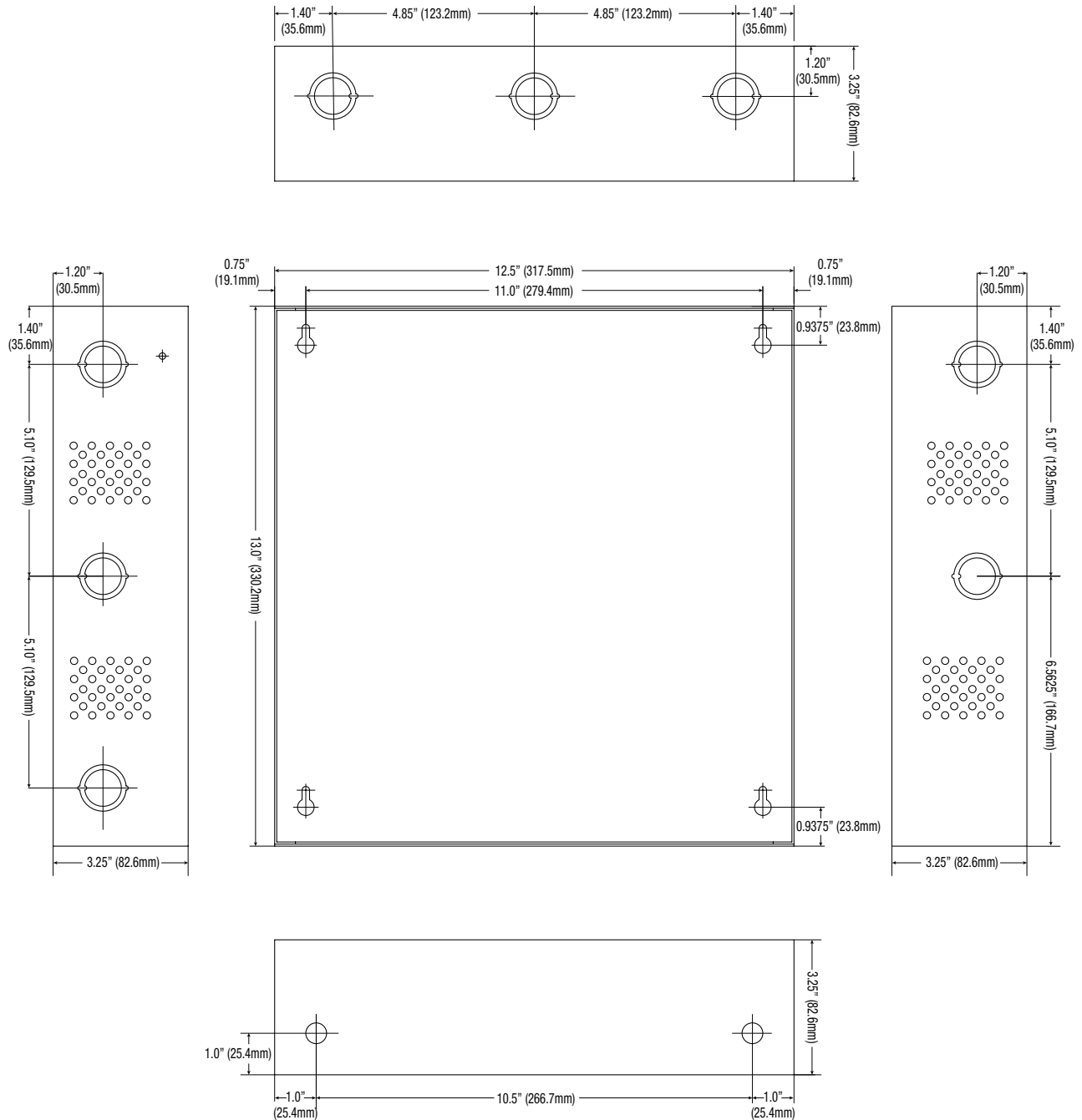
Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

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

## Dimensions and Drawing

Dimensions (H x W x D approximate)

13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm)



## Lifetime Warranty

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