

NetWaySP4BTPL

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



Altronix NetWaySP4BTPL 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. NetWaySP4BTPL 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.

For unmanaged switch see model [NetWaySP41BTPL](#).



NetWaySP4BTPL

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 LiFePO₄ (Lithium Iron Phosphate) or sealed lead acid or gel type batteries
- CE European Conformity
- Switch and power supply are factory mounted on a backplane
- 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

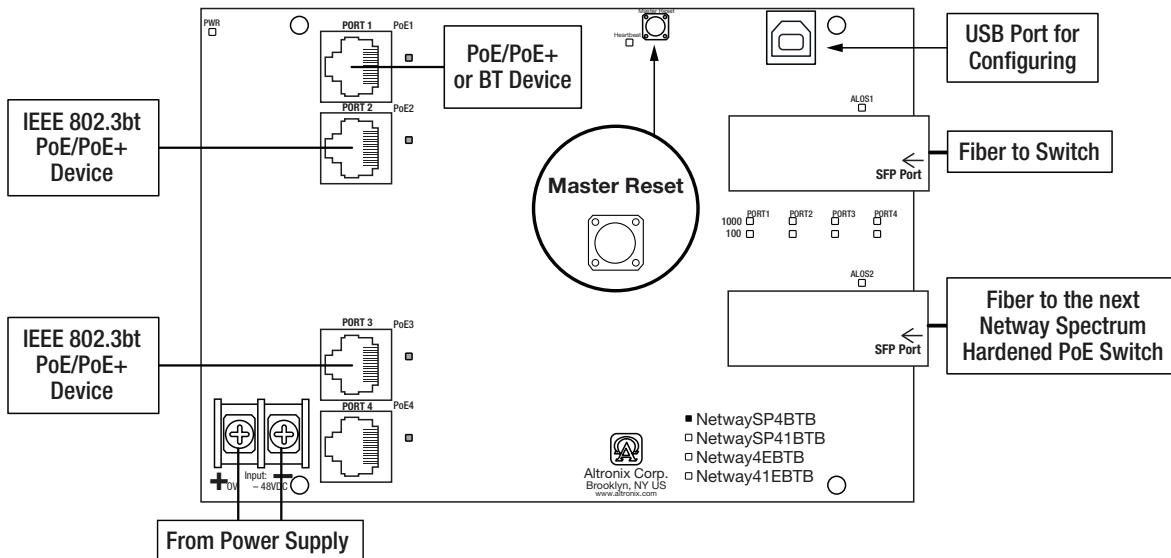
NetWaySP4BTWPX	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP4BTWP	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
NetWaySP4BTWPN	Outdoor 4-port Hardened 4PPoE Switch in NEMA 4/4X, IP66-11 enclosure
NetWaySP4BTX	4-port Hardened 4PPoE Switch with Integral Power in NEMA 1 Rated indoor enclosure
NetWaySP4BTB	4-port Hardened 4PPoE Switch (board only)

Lifetime Warranty

NetWaySP4BTPL

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

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

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

Specifications

4-port PoE+ Hardened Switch (NetWaySP4BTB):

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

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

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 LiFePO₄ (Lithium Iron Phosphate) or sealed lead acid or gel type
Failover Upon AC loss, instantaneous
Charging Circuit 24VDC, 0.75A
Batteries are sold separately

NetWaySP4BTPL:

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

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

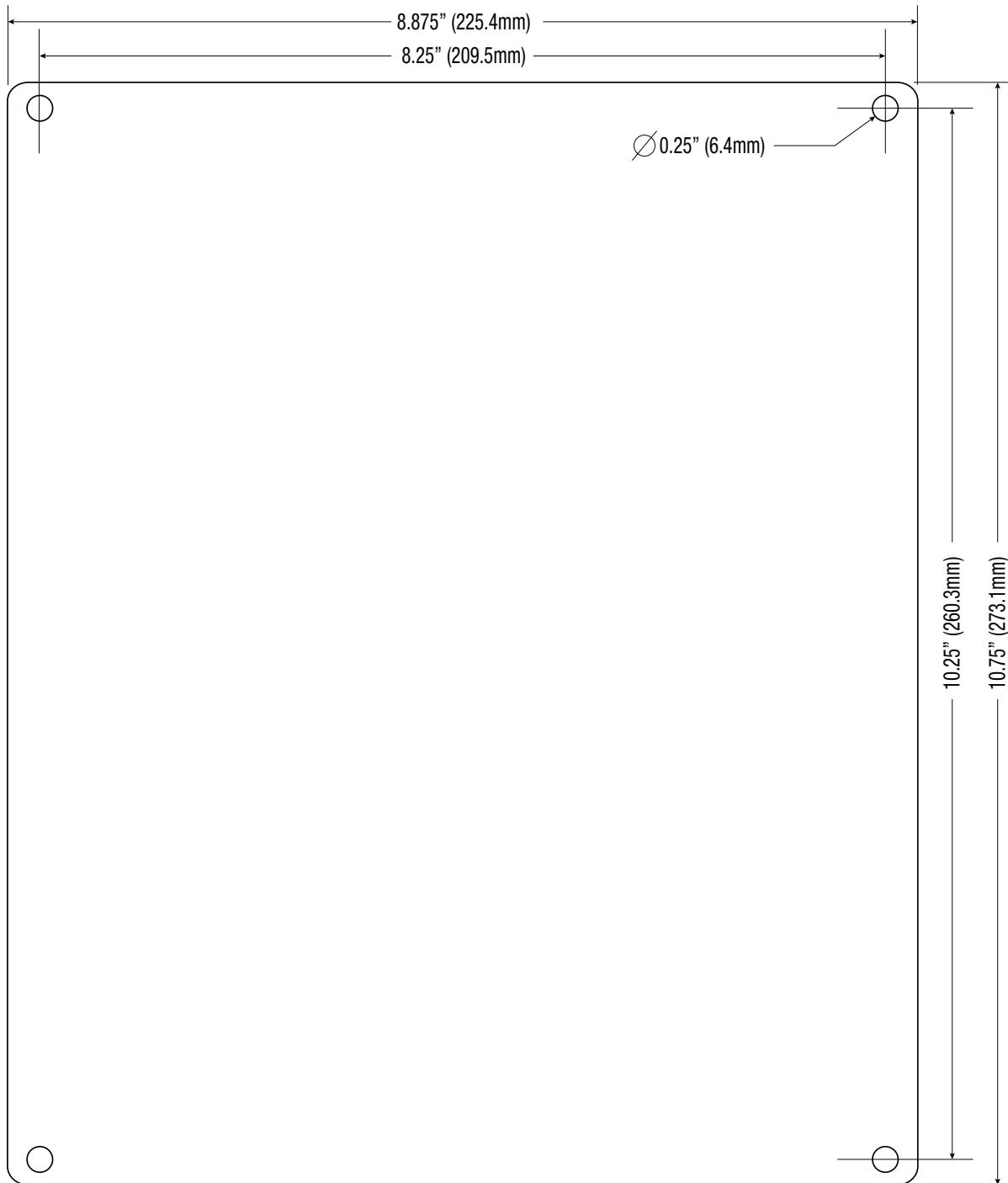
NetWaySP4BTPL

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

 Netway®
SPECTRUM**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)

**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