

NetWaySP41BTWPN

4-port Outdoor Hardened 4PPoE (802.3bt) Switch



Altronix NetWaySP41BTWPN 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. NetWaySP41BTWPN 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 NetWaySP4BTWPN.



NetWaySP41BTWPN

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
- NEMA 4/4X, IP66-11 enclosure

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
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
NetWaySP41BTB	4-port Hardened 4PPoE Switch (board only)

Lifetime Warranty

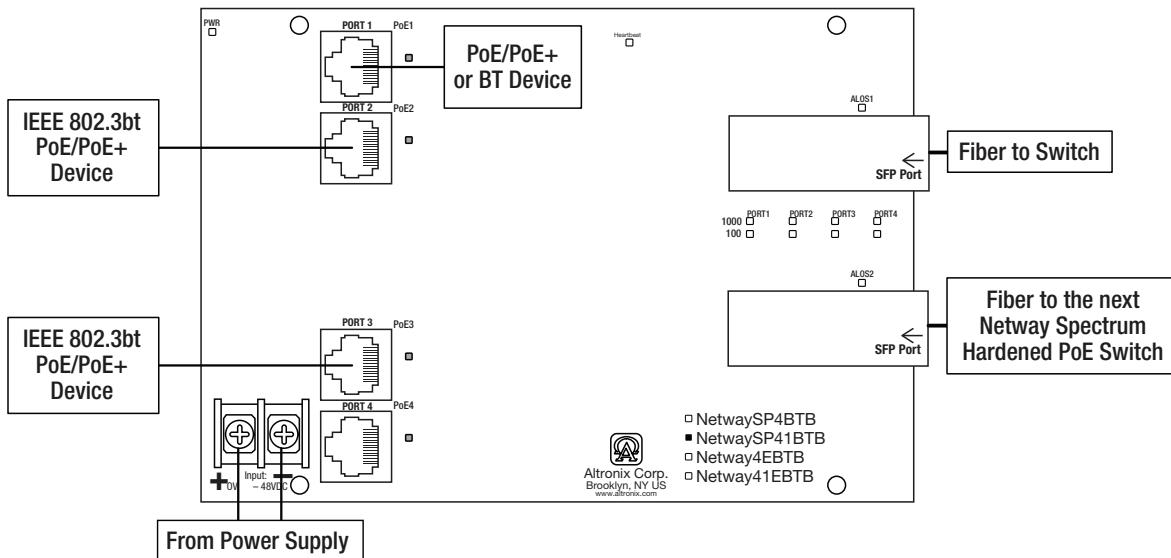
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NetWaySP41BTWPN

4-port Outdoor Hardened 4PPoE (802.3bt) Switch

Typical Application



Specifications

Input	48V-57V (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 (H x W x D)

Enclosure: 13.31" x 11.31" x 5.59"
(338.1mm x 287.3mm x 142mm)

Shipping: 20.25" x 12.5" x 7.25"
(514.4mm x 317.5mm x 184.2mm)

NEMA 4/4X, IP66-11 Rated enclosure for outdoor use

Weight (approx.)

Product: 9.5 lb. (4.3 kg)
Shipping: 10.9 lb. (4.9 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

Lifetime Warranty

NetWaySP41BTWPN

4-port Outdoor Hardened 4PPoE (802.3bt) Switch



Power Sourcing Equipment and Accessories (order separately)



(front)

(rear)

4-port Ethernet over Fiber Media Converters for Applications Utilizing Composite or Conventional Cabling

NetWaySP4

Unit passes a maximum power up to 120W per port (240W total power) from a Power Supply or Midspan Injector. Four (4) 1Gb SFP ports.

NetWaySP4P

Unit provides a maximum power up to 120W per port (240W total power) from a built-in Power Supply/ Charger. Four (4) 1Gb SFP ports.

NetWaySP4P2

Unit provides 56VDC power-limited 60W max. per port (240W total power) from a built-in Power Supply/Charger. 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.



PMK1

PMK1 - Pole Mount Kit

PMK1 pole mount kit is designed to simplify installation of outdoor units. It accommodates 2" - 8"(diameter) poles.



Lock1WP

LOCK1WP - Pad Lock for Altronix Outdoor Enclosures

Altronix Lock1WP is a pad lock to secure the latches on Altronix outdoor enclosures.

Includes a single pad lock and two (2) keys.



WG1

WG1 - NEMA Rated Wire Gland Inlet

Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

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NetWaySP41BTWPN

4-port Outdoor Hardened 4PPoE (802.3bt) Switch

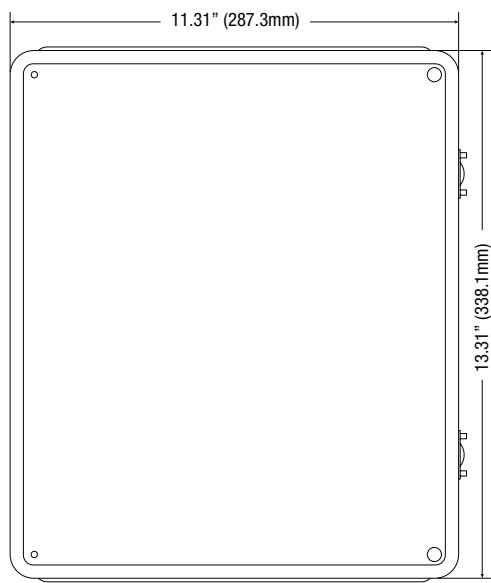


Dimensions and Drawing

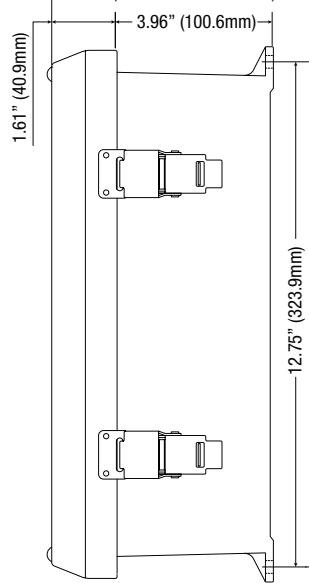
Dimensions (H x W x D approximate)

13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)

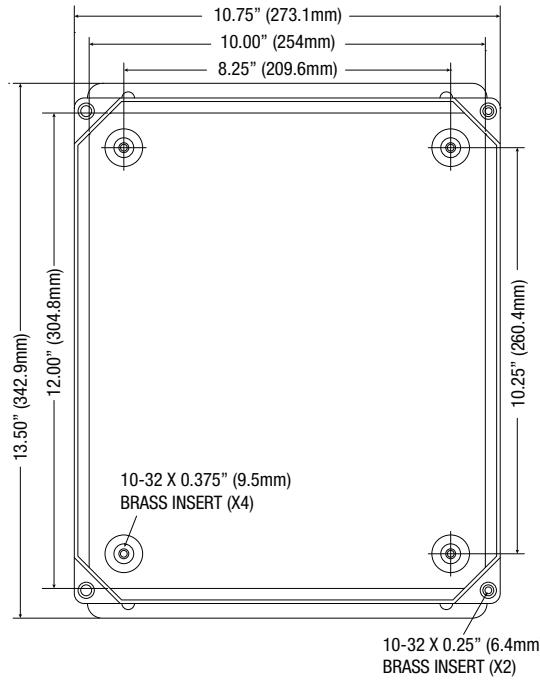
FRONT VIEW



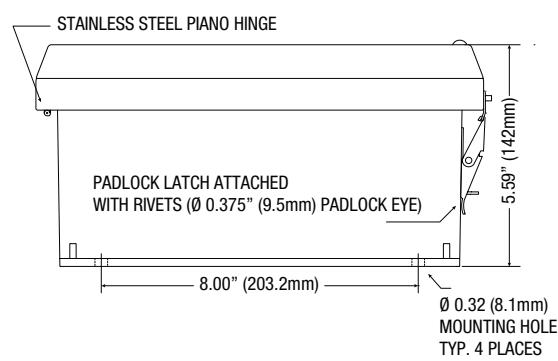
RIGHT SIDE VIEW



FRONT VIEW COVER REMOVED



END VIEW



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