

NetWaySP41BTWPX

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



Altronix NetWaySP41BTWPX 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. NetWaySP41BTWPX accommodates single/multi-mode fiber cable to deliver data from NetWay Spectrum head-end media converters/injectors.

For managed switch see model **NetWaySP4BTWPX**.



NetWaySP41BTWPX

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
- Built-in charger for LiFePO₄ (Lithium Iron Phosphate) or sealed lead acid or gel type batteries
- CE European Conformity
- NEMA 4/4X, IP66-11 enclosure accommodates batteries

Similar products

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

Lifetime Warranty

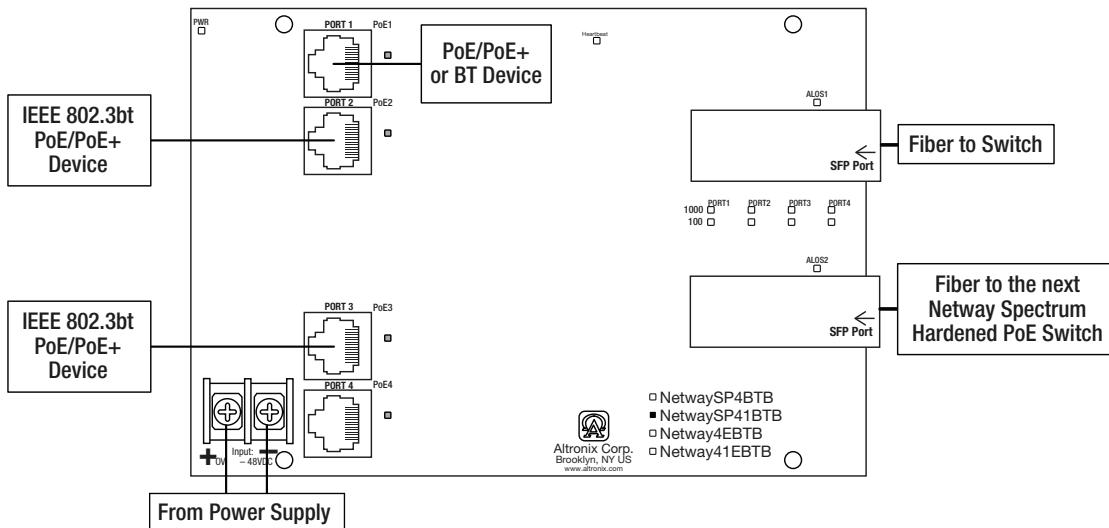
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NetWaySP41BTWPX

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

Typical Application



Accessories (order separately)



PMK2 - Pole Mount Kit

PMK2 pole mount kit is designed to simplify installation of outdoor units. It accommodates 2" - 8"(diameter) poles.

PMK2



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 Port
NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).

NetWaySP1A



Vent2 - Air Vents For NEMA4/4X Rated Enclosures

Altronix Vent2 air vents ensure efficient air circulation and prevent water condensation in NEMA4/4X Rated Enclosures. Pair of air vents must be mounted per enclosure.

Vent2



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.

Lock1WP



WG1 - NEMA Rated Wire Gland Inlet

Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

WG1

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NetWaySP41BTWPX

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



Specifications

4-port PoE+ Hardened Switch (NetWaySP41BTB):

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

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

NetWaySP41BTWPX:

Agency Listings

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

Enclosure: 17.53" x 15.3" x 6.67"
(445.3mm x 388.6mm x 169.4mm)
Shipping: 21.375" x 14.5" x 9.5"
(542.9mm x 374.7mm x 241.3mm)

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

Accommodates four (4) 12VDC/4AH batteries (48V of backup)
For outdoor battery backup, battery enclosure must have sufficient ventilation. Use Altronix Vent2 kit

Weight (approx.)

Product: 15 lb. (6.8 kg)
Shipping: 17.5 lb. (7.9 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)
-30°C to 85°C (-22°F to 185°F)

Storage:

85% +/- 5%

Relative Humidity 122 BTU/Hr.

BTU/Hr (approx.)

Operating Altitude: -304.8 to 2,000m

Lifetime Warranty

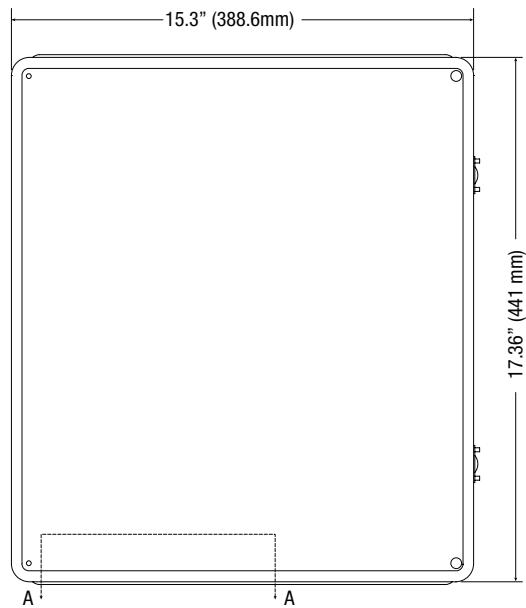
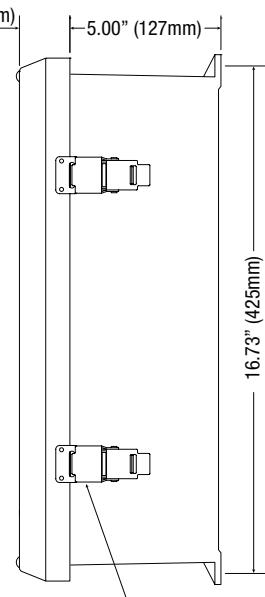
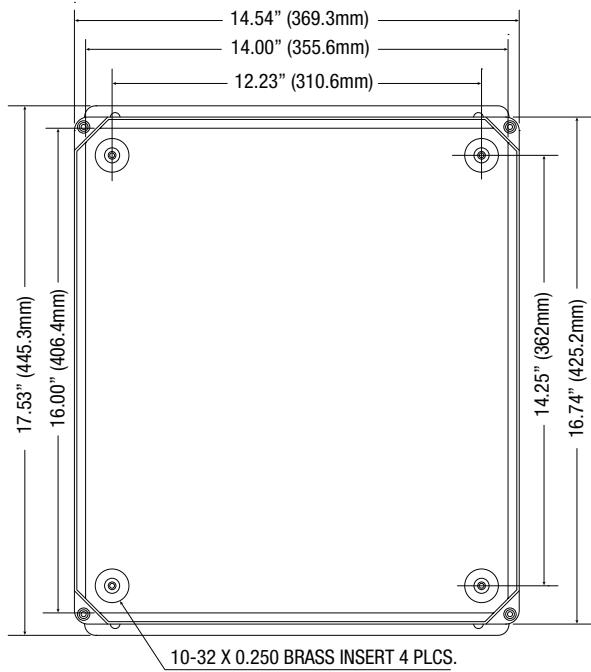
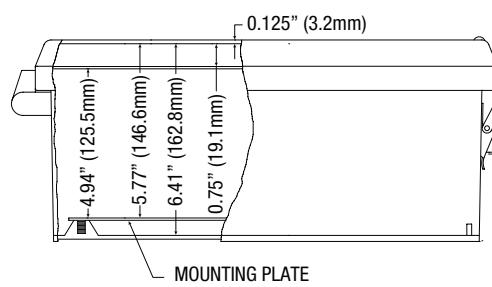
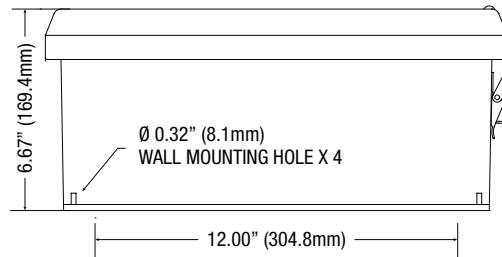
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Dimensions and Drawing

Dimensions (H x W x D approximate)

17.53" x 15.3" x 6.67" (445.3mm x 388.6mm x 169.4mm)

FRONT VIEW

RIGHT SIDE VIEW

FRONT VIEW COVER REMOVED

SECTION A-A

END VIEW

Lifetime Warranty

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