

NetWaySP41BTWP

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



Altronix NetWaySP41BTWP 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. NetWaySP41BTWP accommodates single/multi-mode fiber cable to simultaneously deliver power and data from NetWay Spectrum head-end media converters/injectors.

For managed switch see model NetWaySP4BTWP.



NetWaySP41BTWP

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

Similar products

NetWaySP41BTWPX	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP41BTWPN	Outdoor 4-port Hardened 4PPoE Switch in NEMA 4/4X, IP66-11 enclosure
NetWaySP4BTX	Indoor 4-port Hardened 4PPoE Switch in NEMA 1 Rated indoor enclosure
NetWaySP4BTPL	4-port Hardened 4PPoE Switch with Integral Power on a Backplane
NetWaySP4BTB	4-port Hardened 4PPoE Switch (board only)

Lifetime Warranty

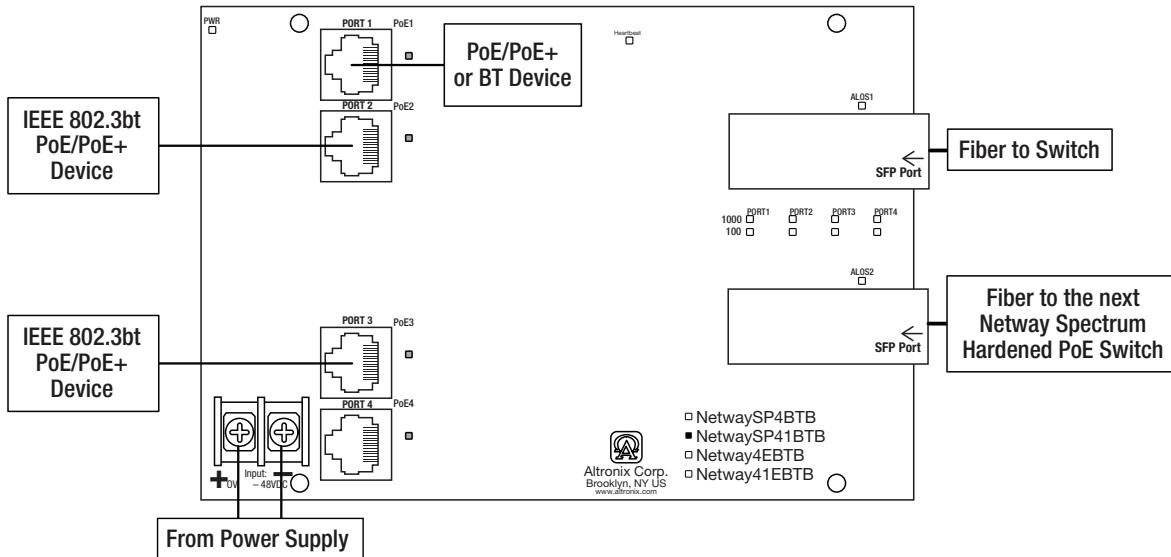
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NetWaySP41BTWP

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

Typical Application



Accessories (order separately)



PMK1 - Pole Mount Kit

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



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).



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 - NEMA Rated Wire Gland Inlet

Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

Lifetime Warranty

NetWaySP41BTWP

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

NetWaySP41BTWP:

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: 10.32 lb. (4.68 kg)
Shipping: 11.7 lb. (5.3 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

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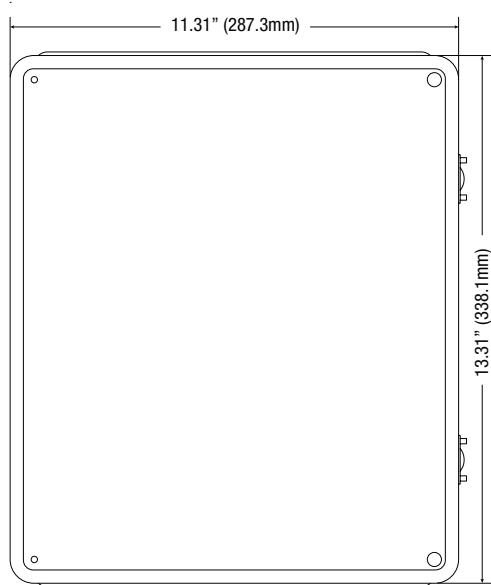
4-port Outdoor Hardened 4PPoE (802.3bt) Switch with Integral Power

Dimensions and Drawing

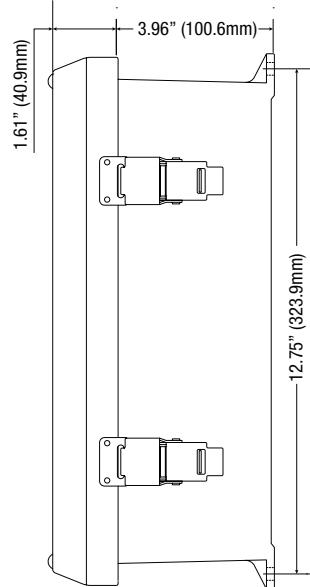
Dimensions (H x W x D approximate)

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

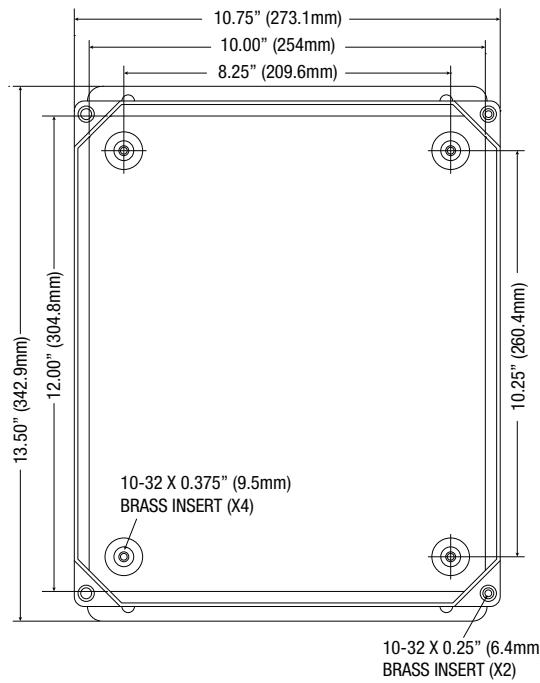
FRONT VIEW



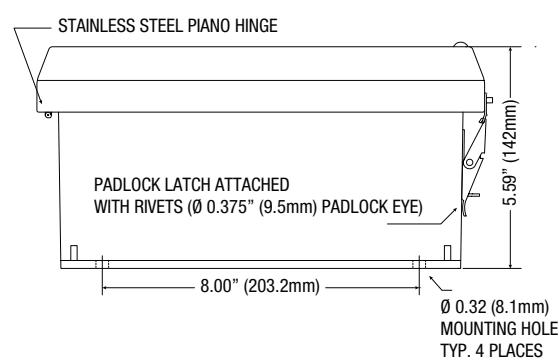
RIGHT SIDE VIEW



FRONT VIEW COVER REMOVED



END VIEW



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