Altronix®

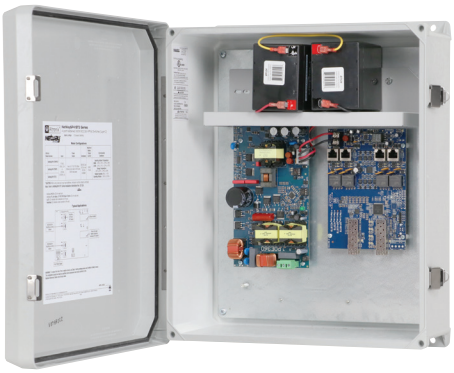
Rev. 10282025

NetWaySP41BTWX3

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

Altronix NetWaySP41BTWX3 supports up to 90W per port (360W 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. NetWaySP4BTWPX accommodates single/multi-mode fiber cable to deliver data from NetWay Spectrum head-end media converters/injectors.

For managed switch see model NetWaySP4BTWPX3



NetWaySP41BTWX3

Key Features

- Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 360W total power)
- IEEE 802.3af, 802.3at, 802.3bt compliant
- Two (2) Gigabit SFP ports
- Built-in charger for sealed lead acid or gel type batteries
- CE European Conformity
- NEMA 4/4X, IP66-11 enclosure accommodates batteries

Similar products

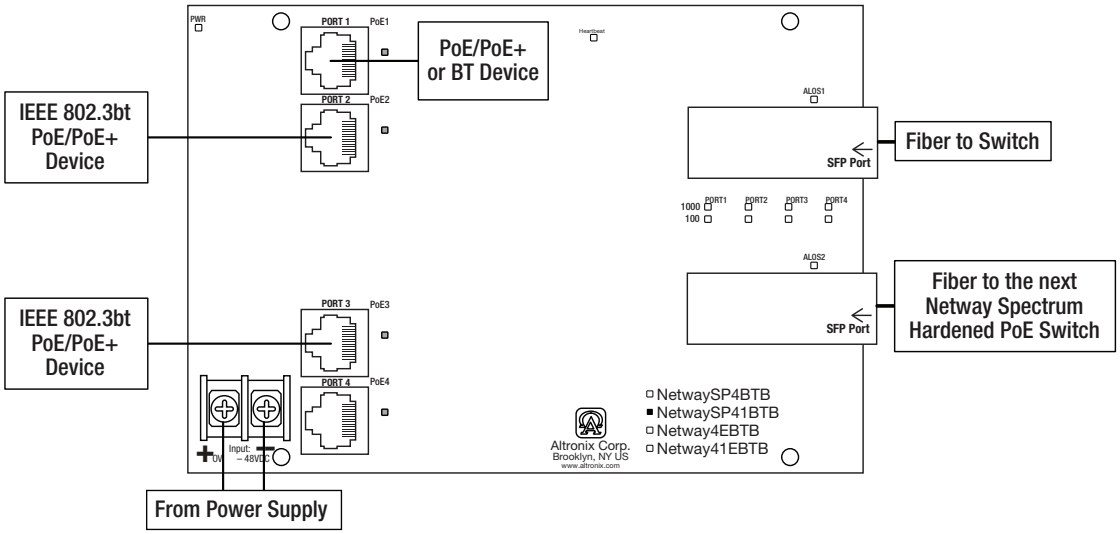
NetWaySP41BTWP3	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
NetWaySP41BTX3	Indoor 4-port Hardened 4PPoE Switch in NEMA 1 Rated indoor enclosure
NetWaySP41BTPL3	4-port Hardened 4PPoE Switch with Integral Power on a Backplane

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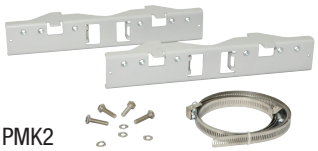
NetWaySP41BTWX3

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

Typical Application



Accessories (order separately)



PMK2

PMK2 - Pole Mount Kit

PMK2 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

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).



Vent2

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.



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.

Lifetime Warranty

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NetWaySP41BTWX3

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

Specifications

4-port PoE+ Hardened Switch (NetWaySP41BTB):

Input

Voltage	56VDC from POE360

Power Output

Maximum Power	Four (4) PoE ports rated at 90W each, 360W total power max. IEEE 802.3af (15W), IEEE 802.3at (30W), IEE 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 (POE360):

Input

Voltage	115VAC, 60Hz, 3.5A or 230VAC, 50/60Hz, 2A
Input Fuse	5A/250V

Output

Voltage Range	54VDC/360W
Current	6.4A continuous supply current
Maximum Power	360W total power *(refer to operating temperature)* Integral surge protection

Battery Charging

Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous
Charging Circuit	48VDC, 0.75A

Batteries are sold separately

NetWaySP41BTWX3:

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:	
360W:	– 30ºC to 65ºC (– 22ºF to 149ºF)
240W:	– 30ºC to 70ºC (– 22ºF to 158ºF)
Storage:	– 30ºC to 85ºC (– 22ºF to 185ºF)
Relative Humidity	85% +/– 5%
BTU/Hr (approx.)	183 BTU/Hr.
Operating Altitude:	– 304.8 to 2,000m

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NetWaySP41BTWX3

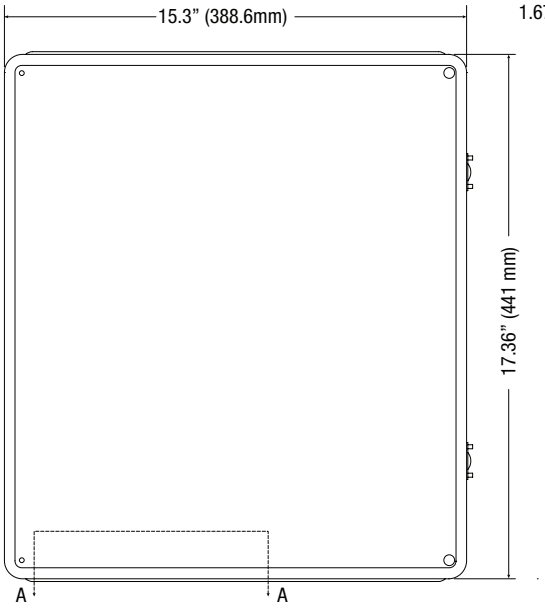
4-port Outdoor Hardened 4PPoE (802.3bt) Switch with Integral Power

Dimensions and Drawing

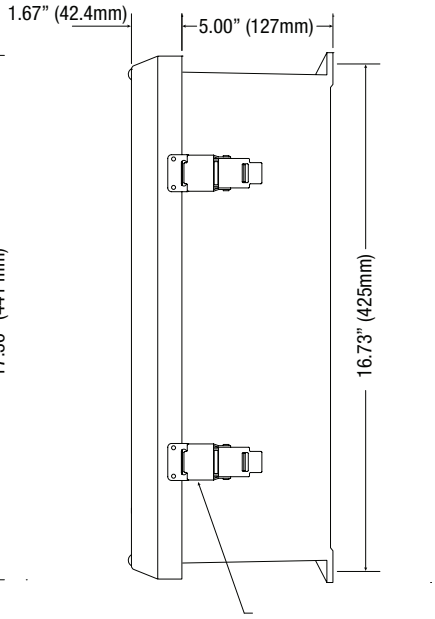
Dimensions (H x W x D approximate)

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

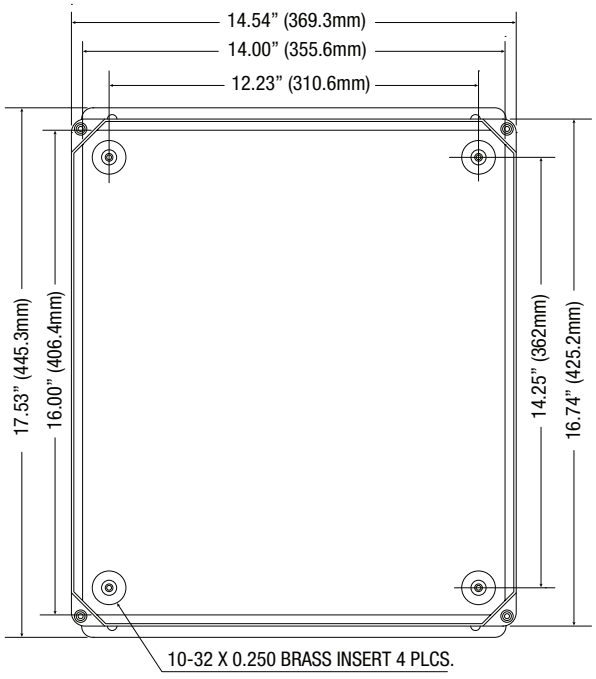
FRONT VIEW



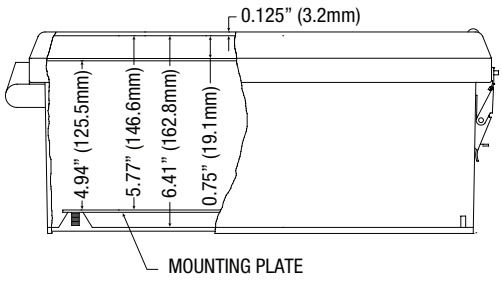
RIGHT SIDE VIEW



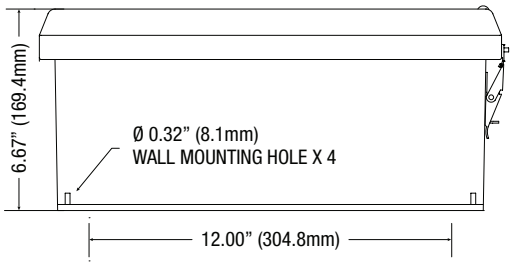
FRONT VIEW COVER REMOVED



SECTION A-A



END VIEW



Lifetime Warranty

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