

## NetWaySP4BTWP

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



Altronix NetWaySP4BTWP 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. NetWaySP4BTWP 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 NetWaySP41BTWP.



NetWaySP4BTWP

### 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 LiFePO<sub>4</sub> (Lithium Iron Phosphate) or sealed lead acid or gel type batteries
- CE European Conformity
- NEMA 4/4X, IP66-11 enclosure
- 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
NetWaySP4BTWPN	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

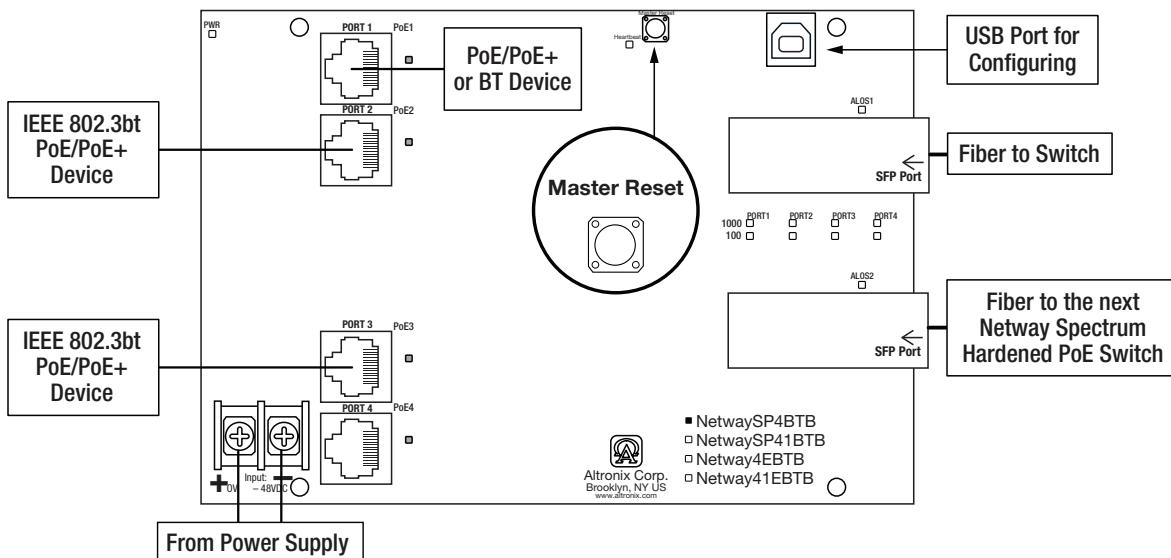
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## NetWaySP4BTWP

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

## 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 LiFePO<sub>4</sub> (Lithium Iron Phosphate) or sealed lead acid or gel type  
Failover Upon AC loss, instantaneous  
Charging Circuit 24VDC, 0.75A  
Batteries are sold separately

### NetWaySP4BTWP:

#### 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

#### Lifetime Warranty

## NetWaySP4BTWP

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

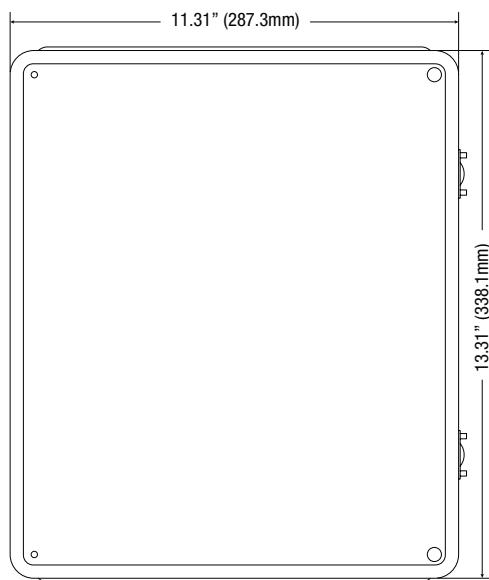


### Dimensions and Drawing

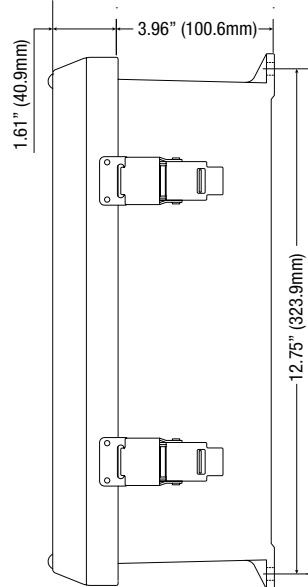
Dimensions (H x W x D approximate)

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

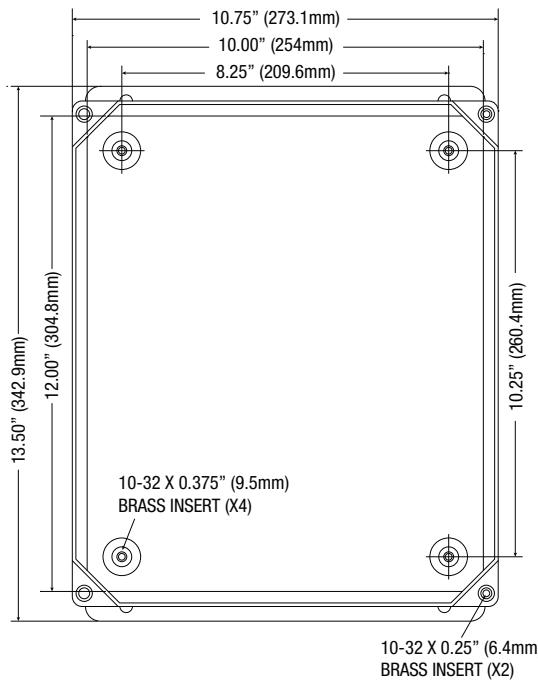
FRONT VIEW



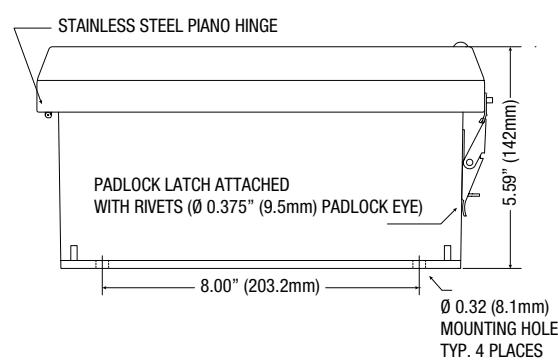
RIGHT SIDE VIEW



FRONT VIEW COVER REMOVED



END VIEW



### Lifetime Warranty

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