

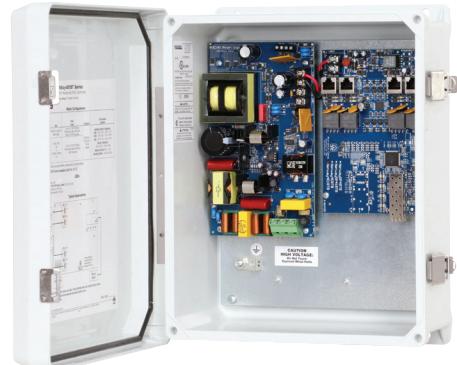
**NetWay4E1BTWP**

4-port Outdoor Hardened 802.3bt 4PPoE Switch



Altronix NetWay4E1BTWP supports up to 90W per port (240W total power) for deploying the latest high-powered IP devices in remote locations. It is equipped with one (1) 1Gb SFP port to transmit data at long distances and four (4) 802.3bt compliant Ethernet ports. NetWaySP4BTWP accommodates single/multi-mode fiber to deliver data from NetWay Spectrum head-end media converters/injectors.

For managed switch see model NetWay4EBTWP.



NetWay4E1BTWP

**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
- One (1) Gigabit SFP port
- 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

**Similar products**

<b>NetWay4E1BTWPX</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWay4E1BTWPN</b>	Outdoor 4-port Hardened 4PPoE Switch in NEMA 4/4X, IP66-11 enclosure
<b>NetWay4E1BTX</b>	4-port Hardened 4PPoE Switch with Integral Power in NEMA 1 Rated indoor enclosure
<b>NetWay4E1BTPL</b>	4-port Hardened 4PPoE Switch on a Backplane
<b>NetWay4E1BTB</b>	4-port Hardened 4PPoE Switch (board only)

**Lifetime Warranty**

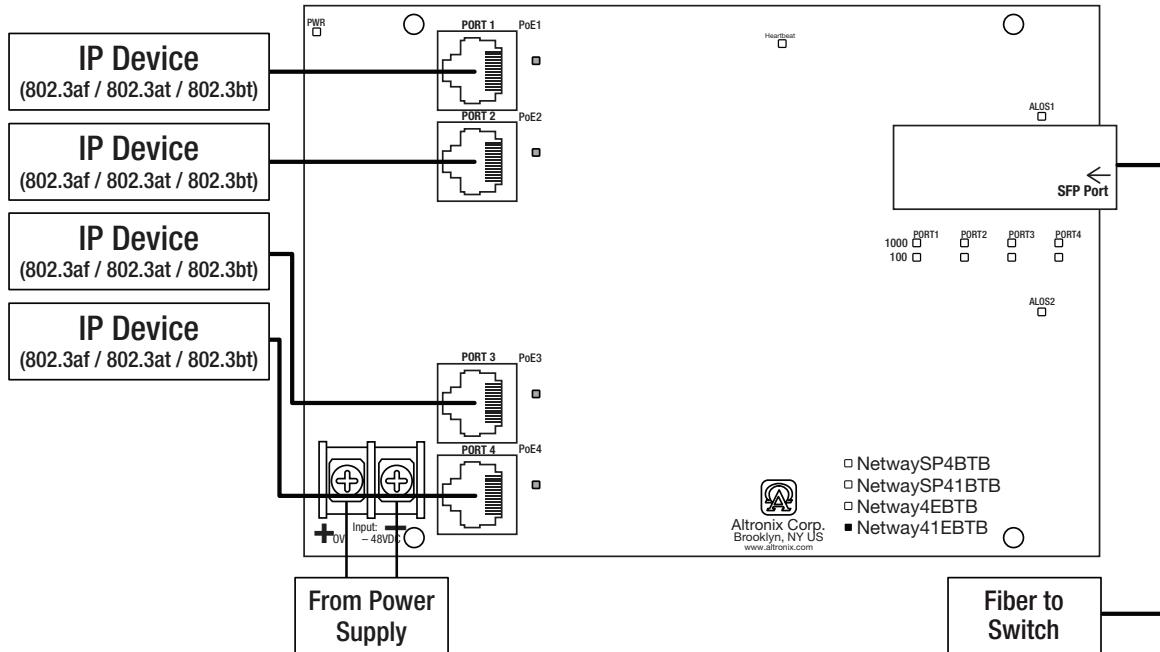
Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: [info@altronix.com](mailto:info@altronix.com) | [www.altronix.com](http://www.altronix.com)

## NetWay4E1BTWP

4-port Outdoor Hardened 802.3bt 4PPoE Switch

### 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).

NetWaySP1A



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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## NetWay4E1BTWP

4-port Outdoor Hardened 802.3bt 4PPoE Switch



### Specifications

#### 4-port PoE+ Hardened Switch (NetWay4E1BTB):

##### 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: One (1) Gigabit SFP port

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 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

#### NetWay4E1BTWP:

##### 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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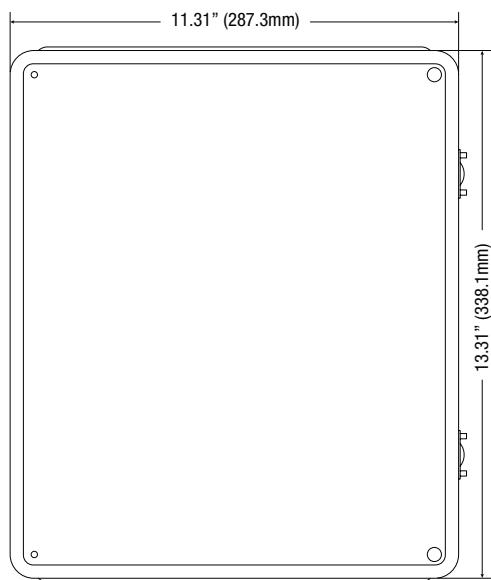
4-port Outdoor Hardened 802.3bt 4PPoE Switch

### Dimensions and Drawing

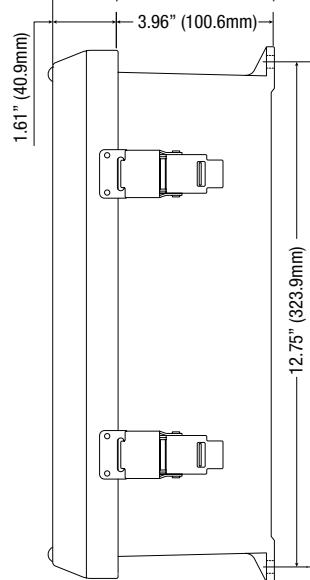
Dimensions (H x W x D approximate)

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

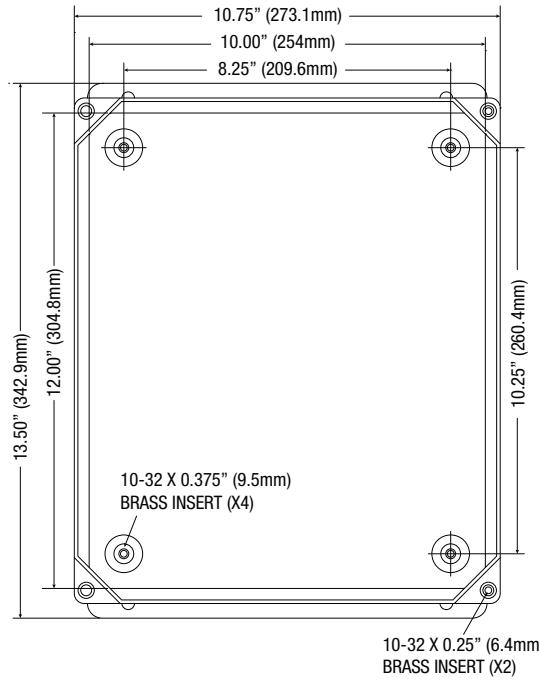
FRONT VIEW



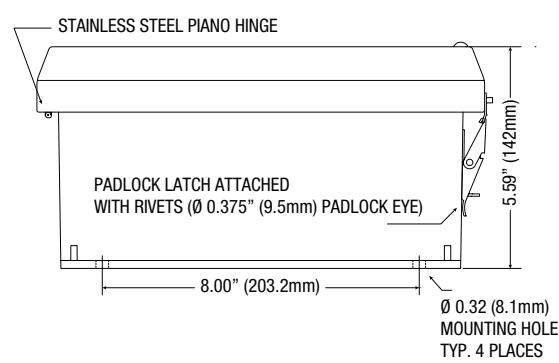
RIGHT SIDE VIEW



FRONT VIEW COVER REMOVED



END VIEW



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