

# NetWay4E1BTWPX

4-port Outdoor Hardened 802.3bt 4PPoE Switch



Altronix NetWay4E1BTWPX 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. NetWay4E1BTWPX accommodates single/multi-mode fiber to deliver data from NetWay Spectrum head-end media converters/injectors.



NetWay4E1BTWPX

## 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 accommodates batteries

## Similar products

<b>NetWay4E1BTWP</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
<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)

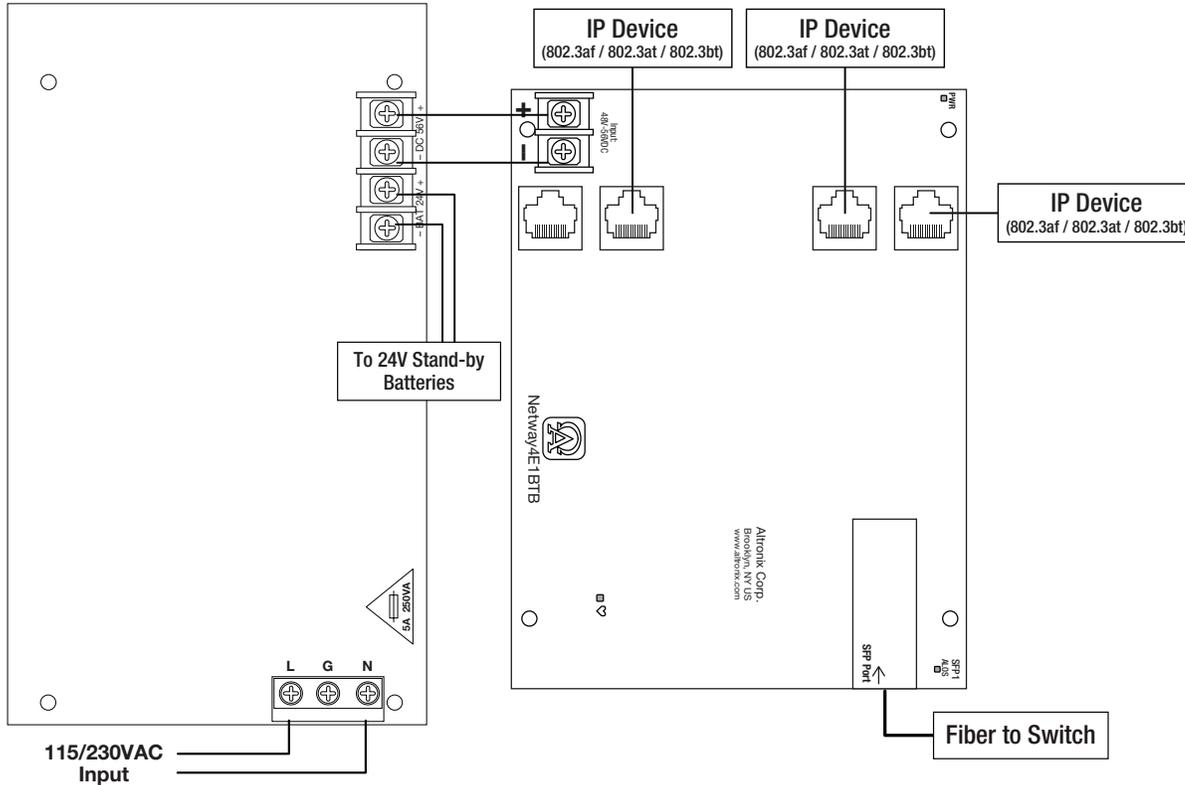
### Lifetime Warranty

# NetWay4E1BTWPX

4-port Outdoor Hardened 802.3bt 4PPoE Switch



## Typical Application



## Accessories (order separately)



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



### PMK2 - Pole Mount Kit

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



### 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.

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4-port Outdoor Hardened 802.3bt 4PPoE Switch



## Specifications

### Input

Voltage 115VAC, 60Hz, 1.8A or  
230VAC, 50/60Hz, 1A

Fusing 5A/250V

### Power Output

Maximum Power Four (4) PoE ports rated at 90W each,  
240W total power  
IEEE 802.3af (15W), IEEE 802.3at (30W),  
IEE 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

### Battery Charging

Type 24VDC charging circuit charges  
LiFePO<sub>4</sub> (Lithium Iron Phosphate) or  
sealed lead acid or gel type batteries  
(within enclosure  
**ventilation is required**)

**Failover** Upon AC loss, instantaneous  
Batteries are sold separately

### Indicators (LED)

Individual PoE On LEDs for each port

Individual IP Link status, 10/100/1000 Base-T/active LEDs for  
each port

ALOS LED indicates fiber connection for SFP port

Heartbeat LED indicates proper operation of the unit

### 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)

#### 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)

Operating (180W): -30°C to 65°C (-22°F to 149°F)

Operating (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.)** 61 BTU/Hr.

**Operating Altitude:** -304.8 to 2,000m

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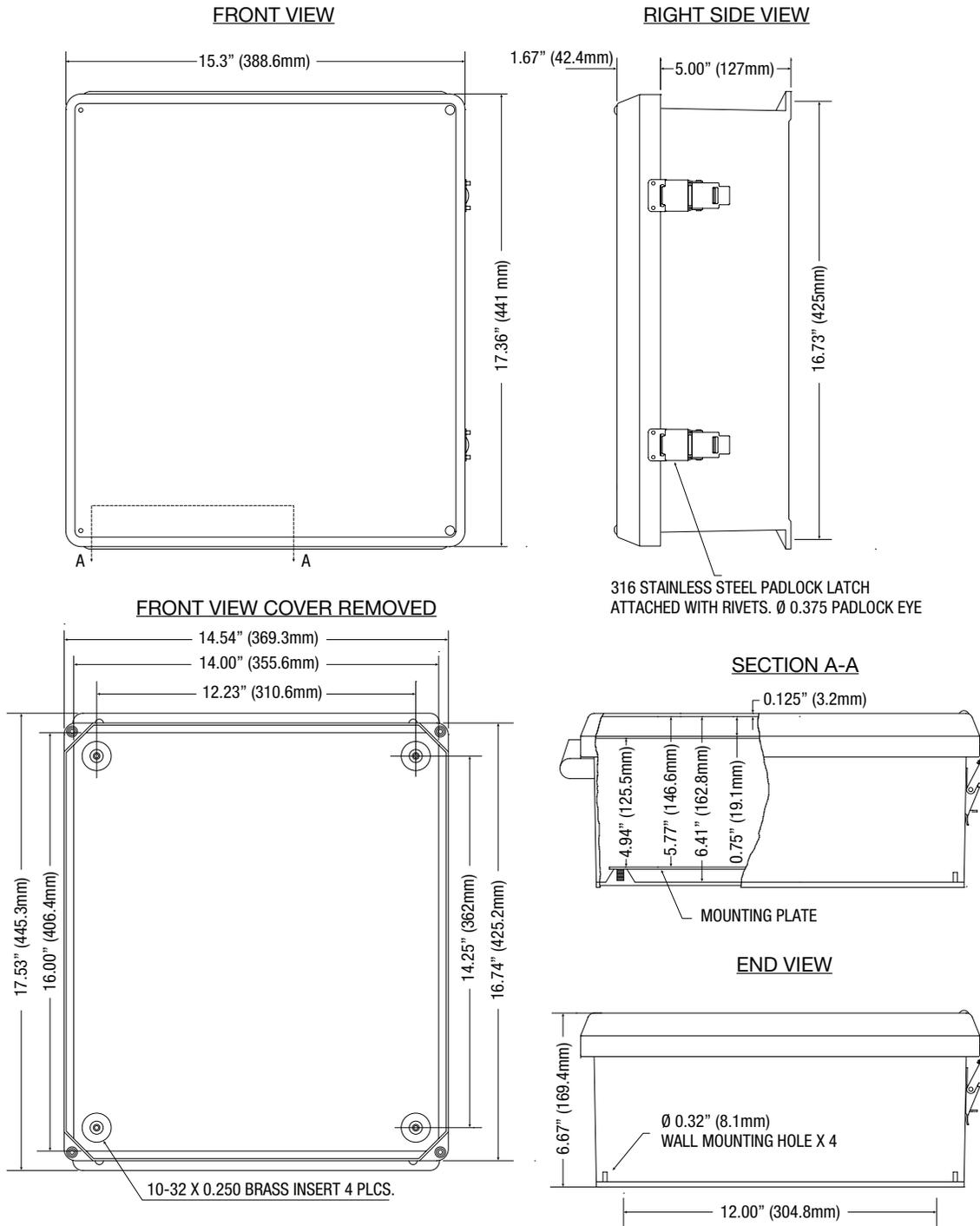
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## Dimensions and Drawing

Dimensions (H x W x D approximate)

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



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