

# NetWay4E1BTWPN

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



Altronix NetWay4E1BTWPN supports up to 90W per port (280W 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. NetWay4E1BTWPN accommodates single/multi-mode fiber or composite cable (fiber+copper) to simultaneously deliver power and data from NetWay Spectrum head-end media converters/injectors.



### Key Features

- External 48-55V UL Listed ITE power supply required
- IEEE 802.3af, 802.3at, 802.3bt compliant
- Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 320W total power)
- One (1) Gigabit SFP port
- PoE activity LED indicators
- 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>NetWay4E1BTWP</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power 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

# NetWay4E1BTWPN

4-port Outdoor Hardened 802.3bt 4PPoE Switch



## Specifications

<b>Input</b>	48V-57V (UL Listed ITE power supply)
<b>Output</b>	Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 320W total power) IEEE 802.3af, 802.3at, 802.3bt compliant
<b>SFP Ports:</b>	One (1) Gigabit SFP port.
<b>Ethernet Ports:</b>	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
<b>Indicators (LED)</b>	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:	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:	7.7 lb. (3.49 kg)
Shipping:	10.0 lb. (4.54 kg)

### Temperature

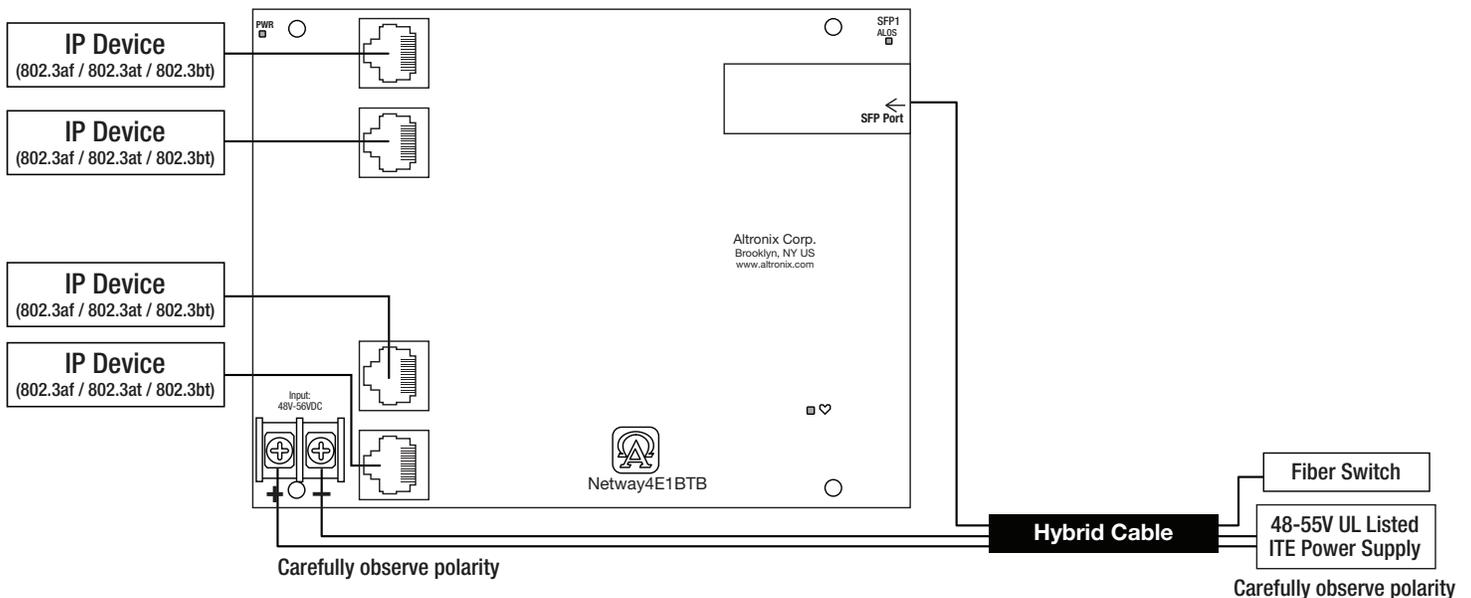
Operating (240W):	- 30°C to 55°C (- 22°F to 131°F)
Operating (180W):	- 30°C to 65°C (- 22°F to 149°F)
Operating (150W):	- 30°C to 75°C (- 22°F to 167°F)
Storage	- 30°C to 85°C (- 22°F to 185°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.) 61 BTU/Hr.

Operating Altitude: - 304.8 to 2,000m

## Typical Composite (Fiber + Copper) Application



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4-port Outdoor Hardened 802.3bt 4PPoE Switch



## Power Sourcing Equipment and Accessories (order separately)



**NetWaySP4PX - Ethernet to Fiber Media Converter with Integral Power Supply/Charger**  
 4-port Ethernet to Fiber Media Converter for applications utilizing composite (power + copper) or conventional cabling  
 Unit provides power up to 120W per port (480W total power). Four (4) 1Gb SFP ports.



### 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).



### PoE Power Supplies

#### POE240 - 240W Power Supply/Charger

Provides 240W for NetWay Spectrum switches.  
 It also features a built-in charger for Lithium Iron Phosphate or sealed lead acid batteries.

#### POE360/POE367 - 360W Power Supply/Charger

Provides 360W for NetWay Spectrum switches.  
 It also features a built-in charger for sealed lead acid or gel type batteries.



### PMK1 - Pole Mount Kit

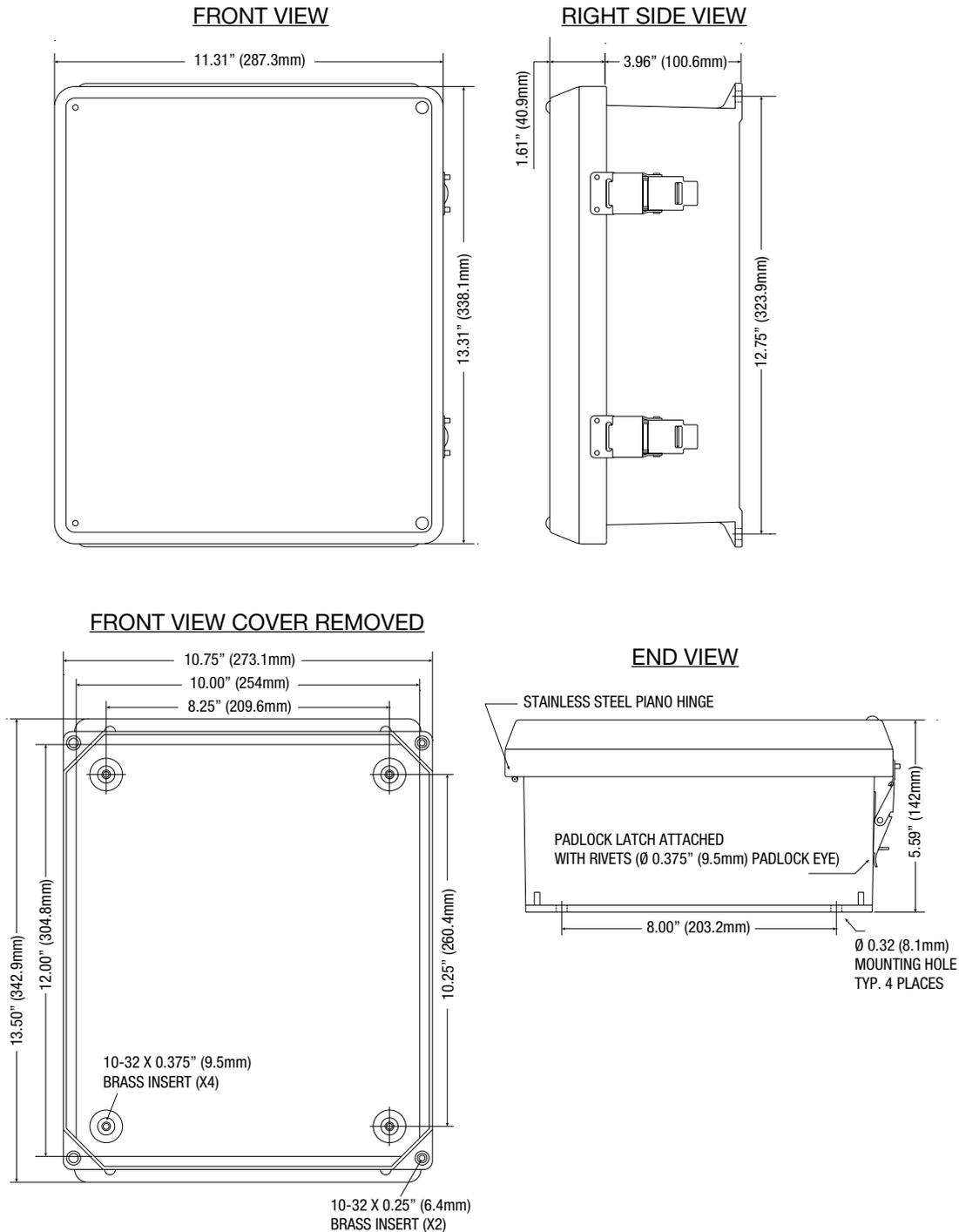
PMK1 pole mount kit is designed to simplify installation of outdoor units.  
 It accommodates 2" - 8"(diameter) poles.

### Lifetime Warranty

## 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)



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