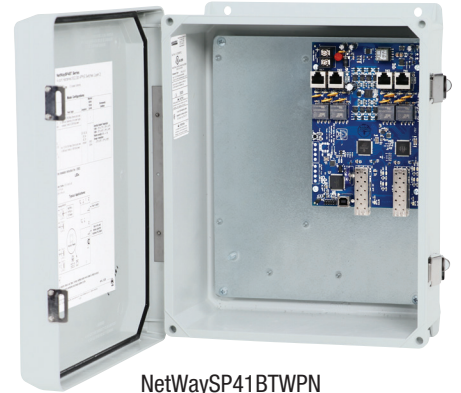


# NetWaySP41BTWPN

4-port Outdoor Hardened 4PPoE (802.3bt) Switch



Altronix NetWaySP41BTWPN supports up to 90W per port (320W 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. NetWaySP41BTWPN accommodates single/multi-mode fiber or composite cable (fiber+copper) to simultaneously deliver power and data from NetWay Spectrum head-end media converters/injectors.



NetWaySP41BTWPN

### Key Features

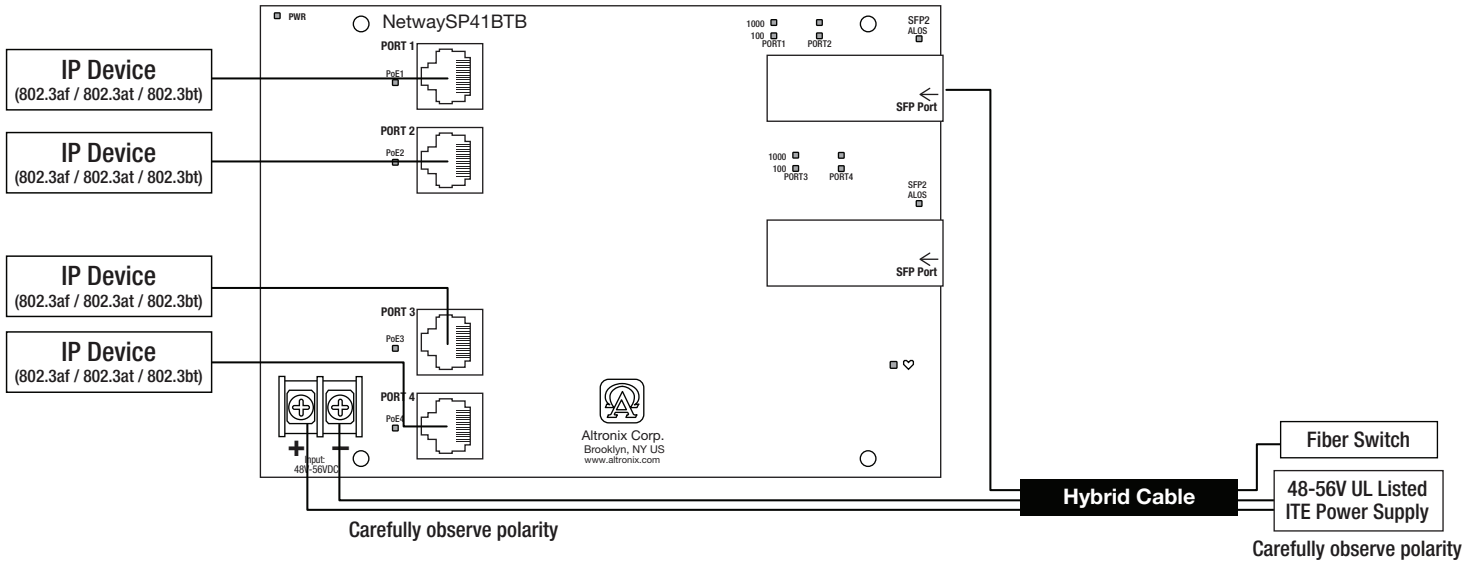
- External 48-55V UL Listed ITE power supply required
- IEEE 802.3af, 802.3at, 802.3bt compliant
- Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 320W total power)
- Two (2) Gigabit SFP ports
- PoE activity LED indicators
- CE European Conformity
- NEMA 4/4X, IP66-11 enclosure

### Similar products

<b>NetWaySP41BTWPX</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWaySP41BTWP</b>	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP41BTX</b>	Indoor 4-port Hardened 4PPoE Switch in NEMA 1 Rated indoor enclosure
<b>NetWaySP41BTPL</b>	4-port Hardened 4PPoE Switch with Integral Power on a Backplane
<b>NetWaySP41BTB</b>	4-port Hardened 4PPoE Switch (board only)

### Lifetime Warranty

### Typical Composite (Fiber + Copper) Application



### 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>	Two (2) Gigabit SFP ports
<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

#### 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:	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:	9.5 lb. (4.3 kg)
Shipping:	10.9 lb. (4.9 kg)

#### Temperature

<b>Operating:</b>	
240W:	- 40°C to 55°C (- 40°F to 131°F)
180W:	- 40°C to 65°C (- 40°F to 149°F)
150W:	- 40°C to 75°C (- 40°F to 167°F)
Storage:	- 40°C to 85°C (- 40°F to 185°F)

Relative Humidity 85% +/- 5%

Operating Altitude: - 304.8 to 2,000m

### Lifetime Warranty



## NetWaySP41BTWPN

4-port Outdoor Hardened 4PPoE (802.3bt) Switch



### Power Sourcing Equipment and Accessories (order separately)



NetWaySP4PX

#### 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.



WayPoint562

#### WayPoint562 - High Current Outdoor Power Supply/Charger. 56VDC/120W Output

Filtered and electronically regulated output. Short circuit and thermal overload protection.



#### SFP Modules - Hot pluggable Transceivers

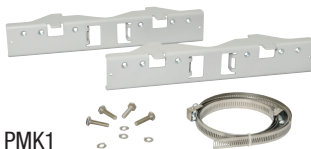
- P1MM** Multi-Mode SFP Module for distances up to 550m.
- P1SM10** Single-Mode SFP Module for distances up to 10km.
- P1AB2K** Single Strand SFP Module for distances up to 2km.
- P1GCE** Copper SFP Module for distances up to 100m.



NetWaySP1A

#### NetWaySP1A - Ethernet over Fiber Media Converter/Repeater for Applications Requiring an Additional SFP (Fiber) Port

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



PMK1

#### PMK1 - Pole Mount Kit

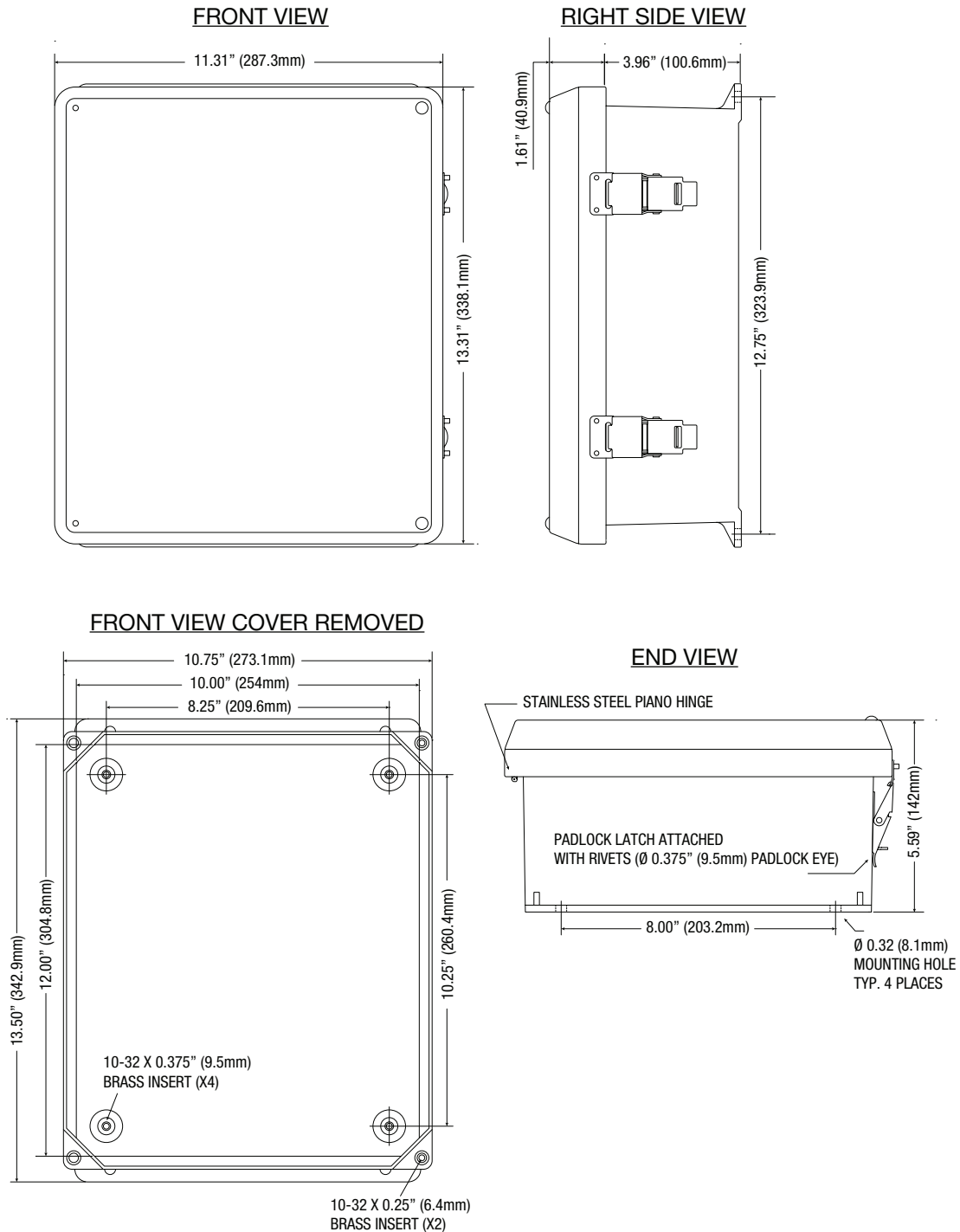
PMK1 pole mount kit is designed to simplify installation of outdoor units. It accommodates 2" - 8" (diameter) poles.

#### 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)



### Lifetime Warranty