

# NetWaySP2BTWPN

802.3bt Media Converter/Injector



Altronix NetWaySP2BTWPN Outdoor 802.3bt media converter/injector provides two (2) 802.3bt (4PPoE) ports up to 180W total and accommodates Fiber (1000Base-X/SX/LX) or structured cable to transmit data. Unit can be deployed with structured cable, conventional single/multimode fiber or composite cable (fiber + copper combined). Cameras/edge devices may be located up to 100m from the unit.



NetWaySP2BTWPN

## Specifications

### Input

48-56VDC @ 3.5A (180W)

### Fiber Port

One (1) 1Gb SFP port

### PoE/Data Ports

Two (2) ports rated up to 90W max. each  
IEEE 802.3af, 802.3at and 802.3bt compliant  
Connectivity: RJ45, auto-crossover  
Wire type: 4-pair CAT5e  
Distance: up to 100m  
Speed: 10/100/1000 Mbps

### Indicators (LED)

Yellow/Green RJ45 LEDs: Yellow: 10/100  
Green: 10/100/1000

Green PoE LED: PoE present

Green SFP (Fiber) LED: SFP connection

### Features

Auto detection and protection of legacy non-PoE cameras/devices

### Agency Listings

CE European Conformity

### Physical and Environmental

#### Dimensions (W x L x H)

Enclosure: 9.5" x 7.32" x 4.92" (241.3mm x 185.9mm x 125mm)

Shipping: 13" x 10" x 7" (330.2mm x 254mm x 177.8mm)

NEMA 4/4X, IP66-11 Rated enclosure for outdoor use

#### Weight (approx.)

Product: 10.5 lb. (4.76 kg)

Shipping: 11.9 lb. (5.4 kg)

#### Temperature

Operating: 60W: -40°C to 75°C (-40°F to 167°F).

90W: -40°C to 60°C (-40°F to 140°F).

180W: -30°C to 60°C (-22°F to 140°F).

Storage: -40°C to 85°C (-40°F to 185°F)

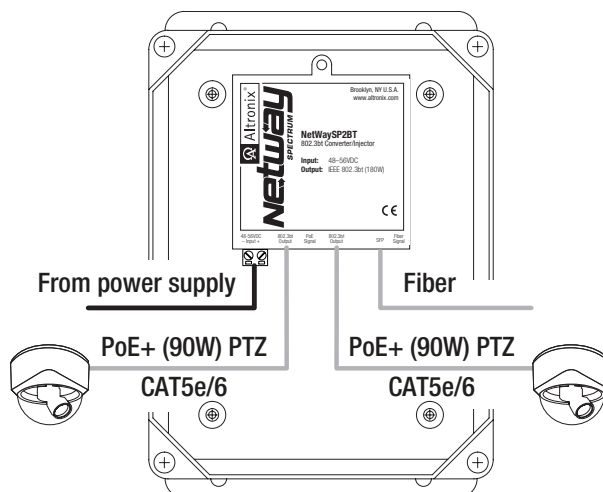
#### Relative Humidity

85% +/- 5%

#### Operating Altitude

-304.8 to 2,000m

## Typical Application



### Lifetime Warranty

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### Similar products

<b>NetWaySP2BTWPX</b>	Outdoor 802.3bt media converter/injector with integral power in NEMA 4/4X IP66-11 enclosure which accommodates stand-by batteries.
<b>NetWaySP2BTWP</b>	Outdoor 802.3bt media converter/injector with integral power in NEMA 4/4X IP66-11 enclosure.
<b>NetWaySP2BT</b>	802.3bt Media converter/injector in compact insulated housing

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

#### 4-port Ethernet over Fiber Media Converters for Applications Utilizing Composite or Conventional Cabling



- NetWaySP4** Unit passes a maximum power up to 120W per port (240W total power) from a Power Supply or Midspan Injector. Four (4) 1Gb SFP ports.
- NetWaySP4P** Unit provides a maximum power up to 120W per port (240W total power) from a built-in Power Supply/ Charger. Four (4) 1Gb SFP ports.
- NetWaySP4P2** Unit provides 56VDC power-limited 60W max. per port (240W total power) from a built-in Power Supply/Charger. Four (4) 1Gb SFP ports.
- 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.

#### Conventional Power Sourcing



WayPoint562

**WayPoint562 - High Current Outdoor Power Supply/Charger**  
56VDC/120W output.  
Filtered and electronically regulated output.  
Short circuit and thermal overload protection.



**POE201, POE240, POE360, POE367 - Power Supply/Charger Boards**  
56VDC/120W filtered and electronically regulated output.  
Short circuit and thermal overload protection.



VertiLine563

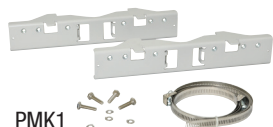
**VertiLine563 - EIA 19" 1U Rack Mountable Dual Independent Power Supply/Charger**  
56VDC @ 3A each filtered and electronically regulated outputs.  
Short circuit and thermal overload protection.

#### SFP Modules - Hot Puggable 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

#### PMK1 - Pole Mount Kit



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

#### Lifetime Warranty

