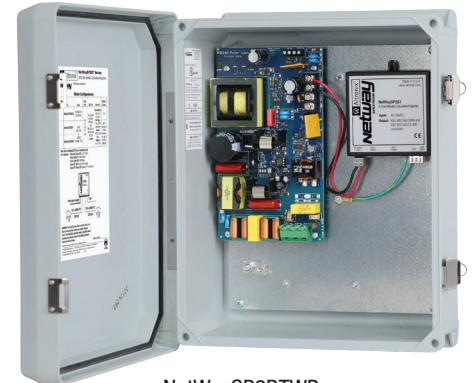


# NetWaySP2BTWP

## 802.3bt Media Converter/Injector with Integral Power



Altronix NetWaySP2BTWP 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.



NetWaySP2BTWP

### Specifications

#### 802.3bt Media Converter/Injector (NetWaySP2BT):

##### Input

Voltage 56VDC from POE240

##### Power Output

Maximum Power Two (2) ports rated up to 90W max. each.  
IEEE 802.3af, 802.3at and  
802.3bt compliant

Fiber Port: One (1) 1Gb SFP port

##### Data Port

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

#### 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

#### NetWaySP2BTWP:

##### 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: 10.5 lb. (4.76 kg)

Shipping: 11.9 lb. (5.4 kg)

##### Temperature

##### Operating:

60W: -40°C to 75°C (-40°F to 167°F)

80W: -40°C to 70°C (-40°F to 158°F)

90W: -40°C to 60°C (-40°F to 140°F)

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

Relative Humidity 85% +/- 5%

BTU/Hr (approx.) 122 BTU/Hr.

Operating Altitude: -304.8 to 2,000m

### 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 | www.altronix.com

# NetWaySP2BTWP

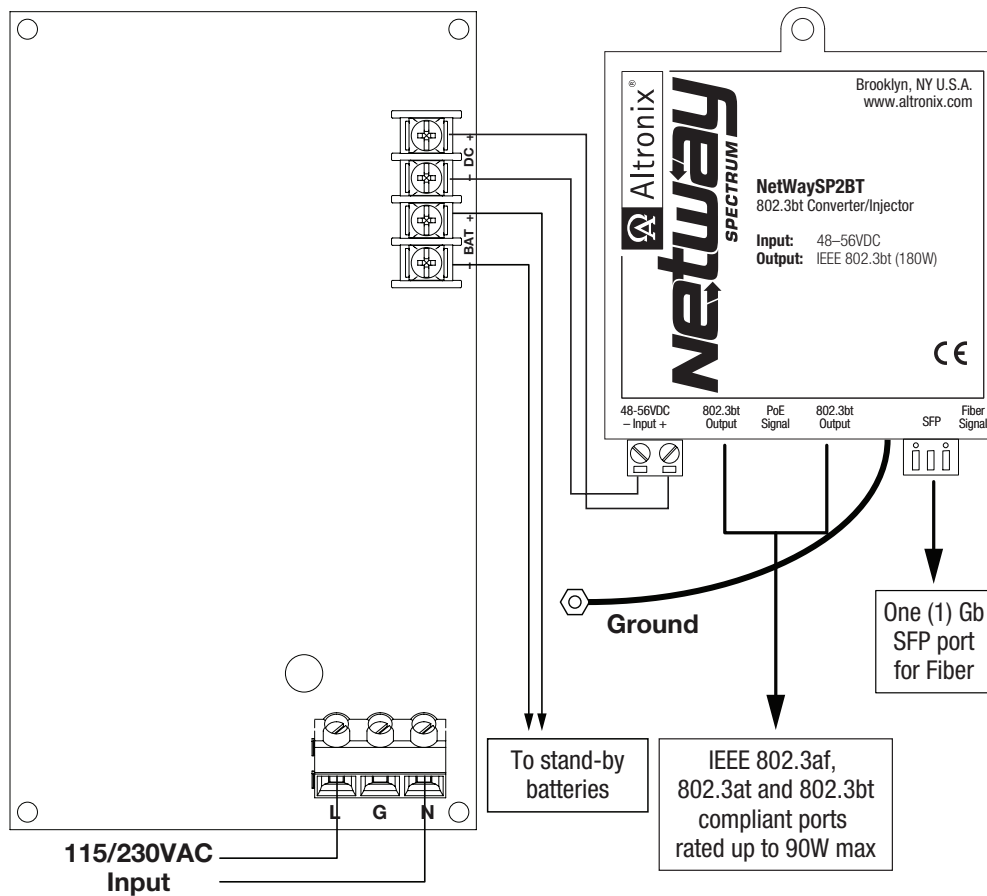
802.3bt Media Converter/Injector with Integral Power



## Similar products

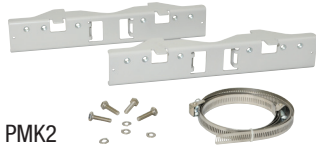
<b>NetWaySP2BTWPX</b>	Outdoor 802.3bt media converter/injector with integral power in NEMA 4/4X IP66-11 enclosure which accommodates stand-by batteries.
<b>NetWaySP2BT</b>	802.3bt Media converter/injector in compact insulated housing
<b>NetWaySP2BTWPN</b>	802.3bt Media converter/injector in NEMA 4/4X IP66-11 enclosure

## Typical Application



### Lifetime Warranty

### Accessories (order separately)



PMK2

#### PMK2 - Pole Mount Kit

PMK2 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

#### NetWaySP1A

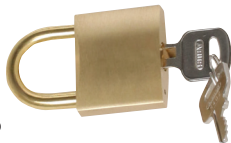
**Ethernet over Fiber Media Converter/Repeater for Applications Requiring an Additional SFP Port**  
NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).



Vent2

#### 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.



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

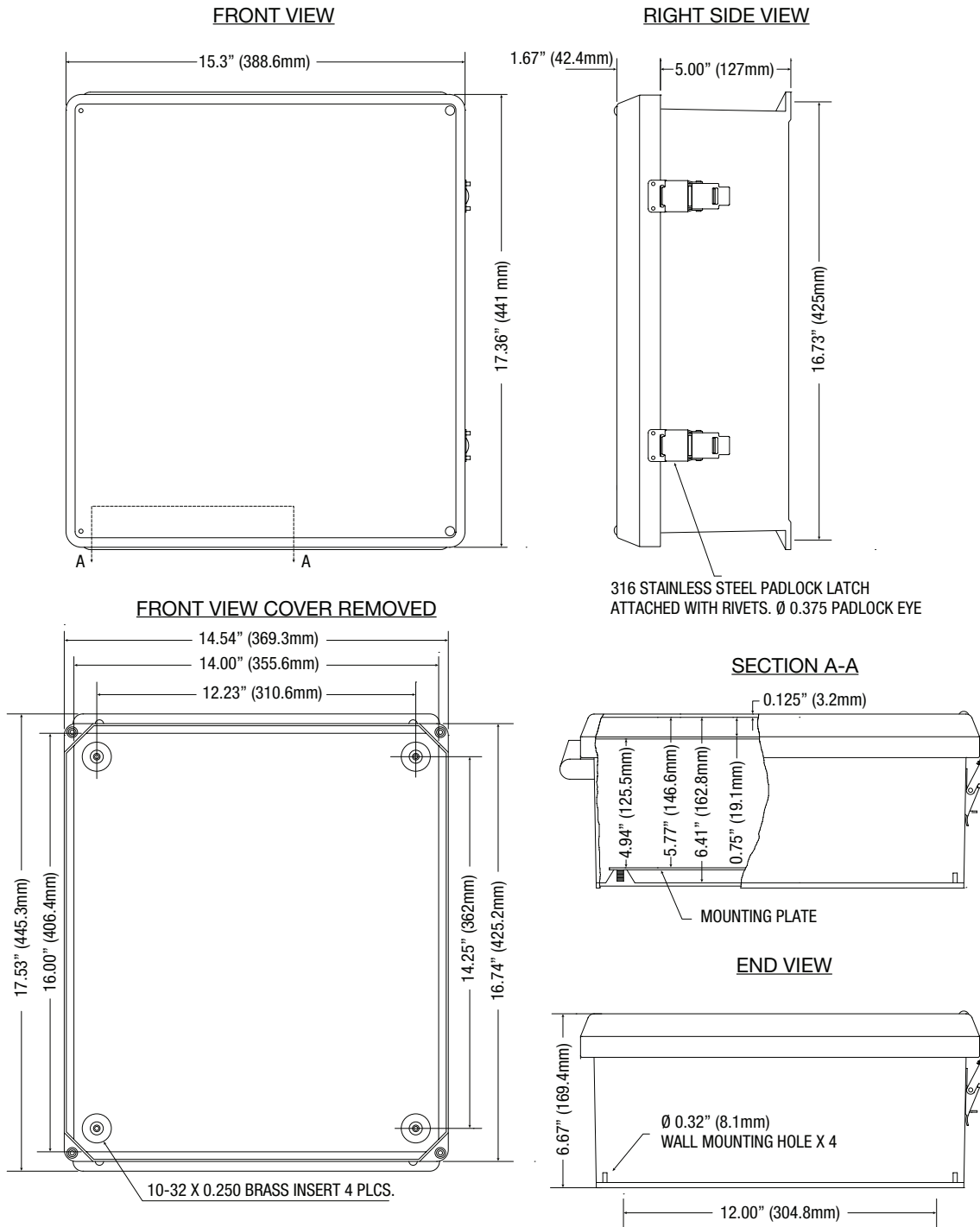
Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

### Lifetime Warranty

## 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)



### Lifetime Warranty