

NetWaySP1BT2WPX

802.3bt Media Converter/Injector with Integral Power



Altronix NetWaySP1BT2WPX Outdoor 802.3bt media converter/injector provides a single 802.3bt (4PPoE) port up to 90W and accommodates two (2) Fiber (1000Base-X/SX/LX) or structured cables to transmit data. Units 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. NEMA 4/4X IP66-11 enclosure accommodates four (4) 12VDC/4AH batteries (48V of backup).



NetWaySP1BT2WPX

Specifications

802.3bt Media Converter/Injector (NetWaySP1BT2):

Input

Voltage 56VDC from POE201

Power Output

Maximum Power Single port rated up to 90W max.
IEEE 802.3af, 802.3at and
802.3bt compliant

Fiber Port: Dual 1Gb SFP ports
(Daisy-chain communication)

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 (POE201):

Input

Voltage 115VAC, 60Hz, 2.5A or
230VAC, 50/60Hz, 1.3A
Input Fuse 5A/250V

Output

Voltage 56VDC/120W
Current 2.2A continuous supply current
Maximum Power 120W total power
Integral surge protection

Battery Charging

Type Sealed lead acid or gel type
Failover Upon AC loss, instantaneous
Charging Circuit 48VDC, 0.75A
Batteries are sold separately

NetWaySP1BT2WPX:

Agency Listings

CE European Conformity

Physical and Environmental

Dimensions (W x L x H)

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)
*For outdoor battery backup, battery enclosure must have
sufficient ventilation. Use Altronix Vent2 kit*

Weight (approx.)

Product: 15 lb. (6.8 kg)
Shipping: 17.5 lb. (7.9kg)

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.): 61 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

NetWaySP1BT2WPX

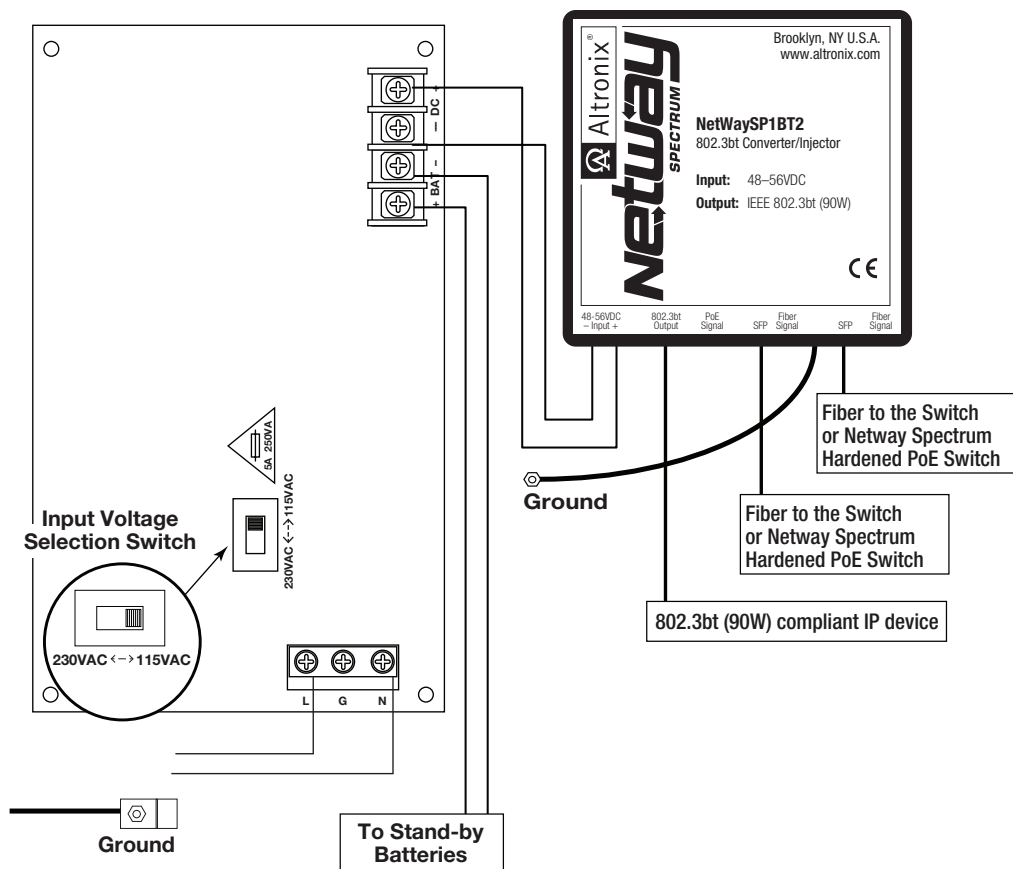
802.3bt Media Converter/Injector with Integral Power



Similar products

NetWaySP1BT2WP	Outdoor 802.3bt media converter/injector with integral power in NEMA 4/4X IP66-11 enclosure
NetWaySP1BT2	802.3bt Media converter/injector in compact insulated housing
NetWaySP1BT2WPN	802.3bt Media converter/injector in NEMA 4/4X IP66-11 enclosure

Typical Application



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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.

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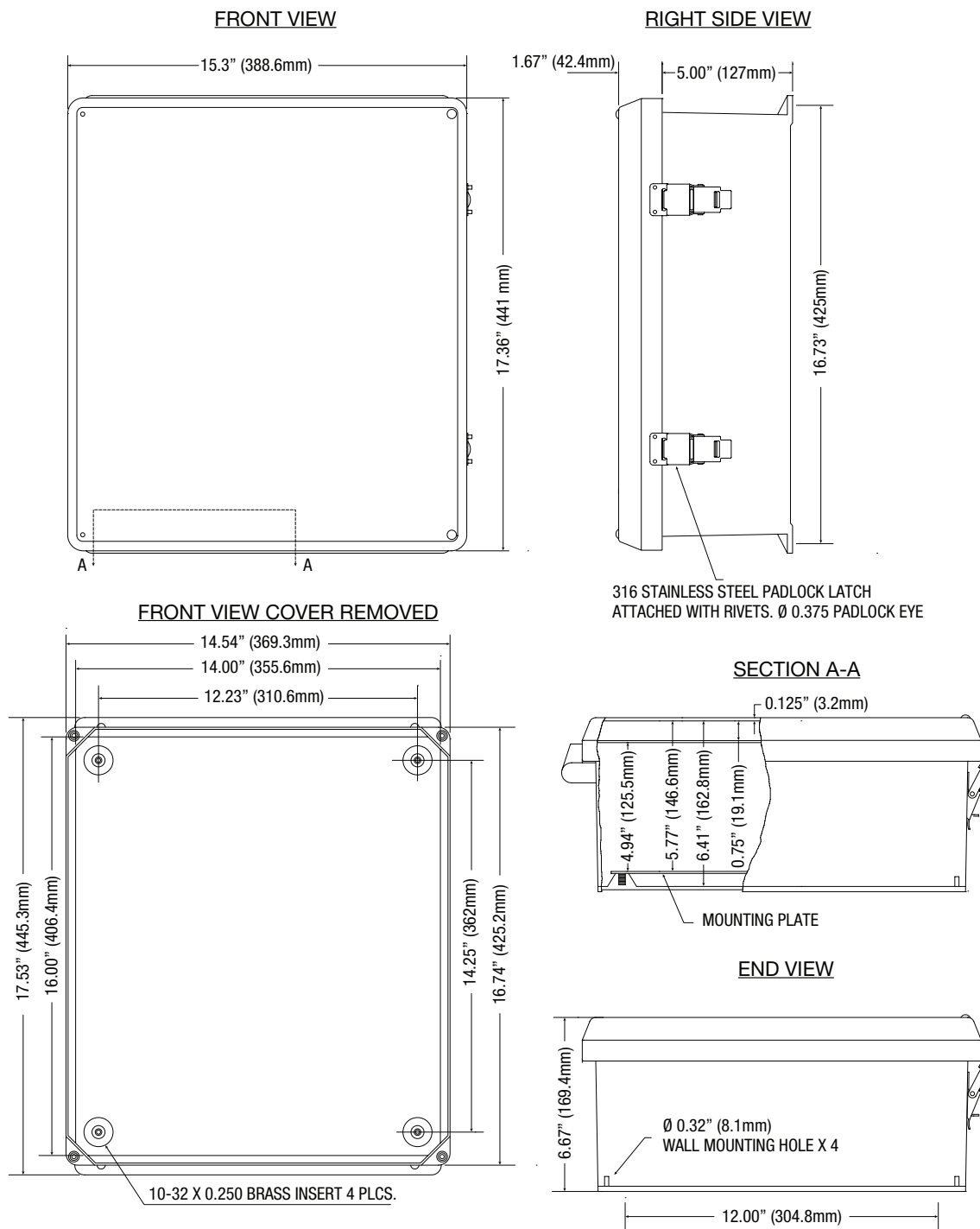
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Dimensions and Drawing

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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