

NetWaySP1BTWPX

802.3bt Media Converter/Injector with Integral Power



Altronix NetWaySP1BTWPX Outdoor 802.3bt media converter/injector provides a single 802.3bt (4PPoE) port up to 90W and accommodates Fiber (1000Base-X/SX/LX) or structured cable 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).



NetWaySP1BTWPX

Specifications

Input

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

Fiber Port

One (1) 1Gb SFP port

PoE Port

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

Data Port

Connectivity: RJ45, auto-crossover
Wire type: 4-pair CAT5e
Distance: up to 100m
Speed: 10/100/1000 Mbps

Battery Charging

Capacity	4AH/12VDC (4 within enclosure)
Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous
Batteries are sold separately	

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
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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)	

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

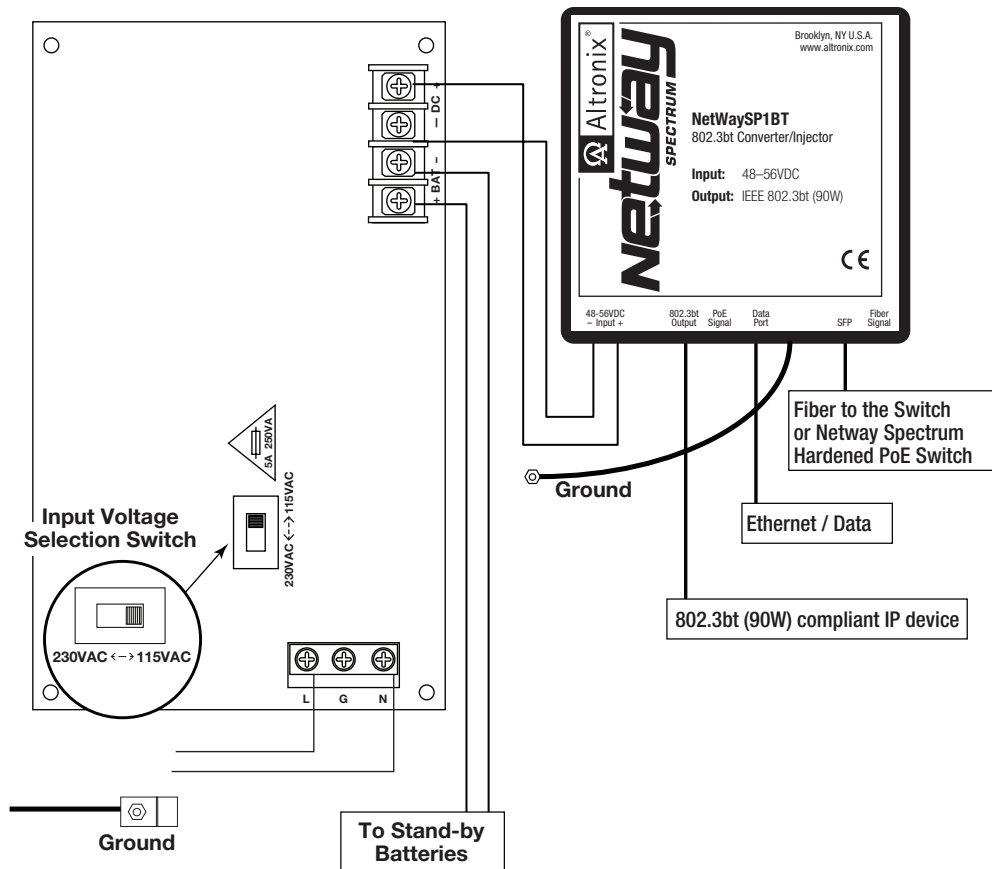
BTU/Hr. (approx.):	85% +/- 5%
Operating Altitude	61 BTU/Hr. – 304.8 to 2,000m

Similar products

NetWaySP1BTWP	Outdoor 802.3bt media converter/injector with integral power in NEMA 4/4X IP66-11 enclosure
NetWaySP1BT	802.3bt Media converter/injector in compact insulated housing
NetWaySP1BTWPN	802.3bt Media converter/injector in NEMA 4/4X IP66-11 enclosure

Lifetime Warranty

Typical Application



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

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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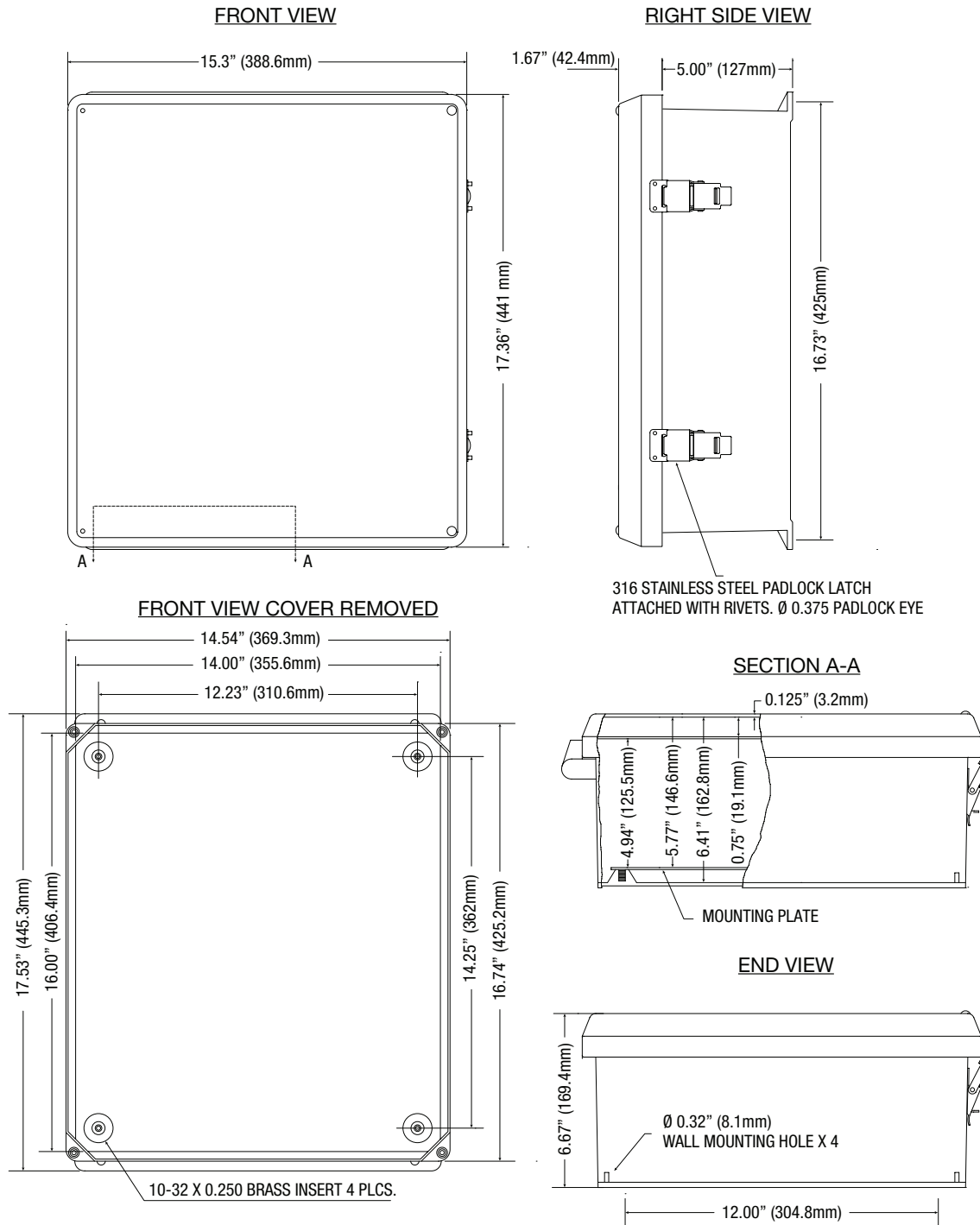
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Dimensions and Drawing

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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