

NetWaySP2BTWPX

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.

NEMA 4/4X IP66-11 enclosure accommodates up to four (4) batteries (48V of backup).



NetWaySP2BTWPX

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/Data Ports

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

Battery Charging

Type	LiFePO ₄ (Lithium Iron Phosphate) or sealed lead acid or gel type
Failover	Upon AC loss, instantaneous
Batteries are sold separately	
Separate ventilated enclosure is required	

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:
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).
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%

BTU/Hr. (approx.):

61 BTU/Hr.

Operating Altitude

- 304.8 to 2,000m

Similar products

NetWaySP2BTWP	Outdoor 802.3bt media converter/injector with integral power in NEMA 4/4X IP66-11 enclosure
NetWaySP2BT	802.3bt Media converter/injector in compact insulated housing
NetWaySP2BTWPN	802.3bt Media converter/injector in NEMA 4/4X IP66-11 enclosure

Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

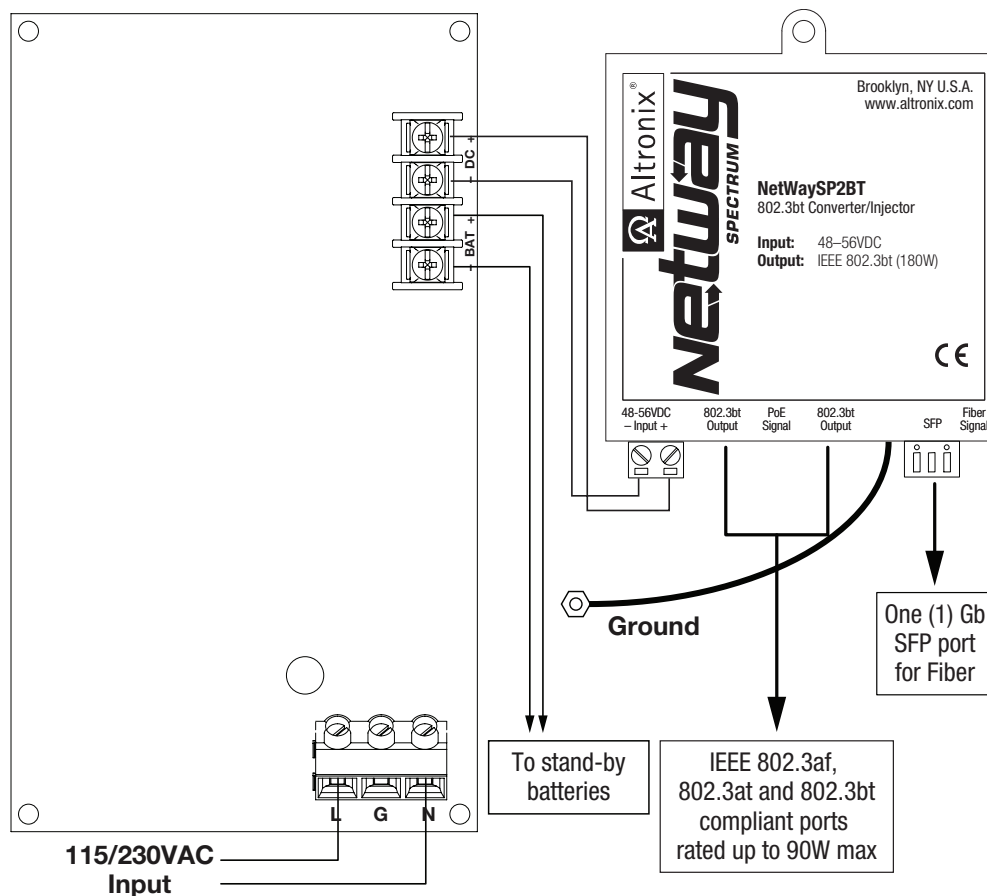
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Typical Application

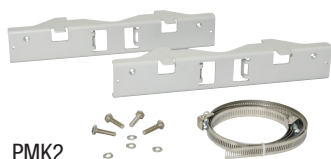


Accessories (order separately)



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



PMK2 - Pole Mount Kit

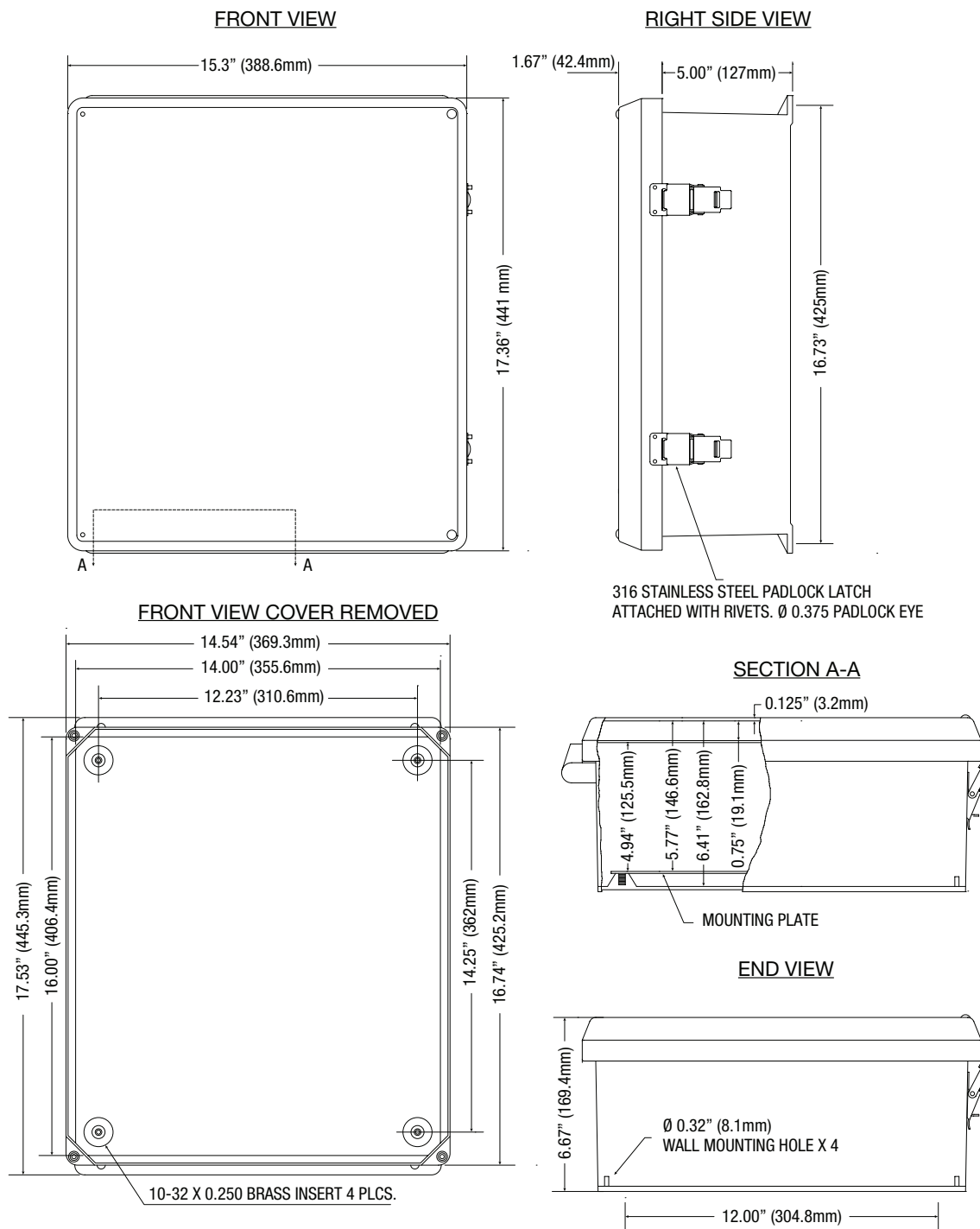
PMK2 pole mount kit is designed to simplify installation of outdoor units. It accommodates 2" - 8" (diameter) poles.

Lifetime Warranty

Dimensions and Drawing

Dimensions (H x W x D approximate)

17.53" x 15.3" x 6.67" (445.3mm x 388.6mm x 169.4mm)



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