

NetWaySP1BTWPN

802.3bt Media Converter/Injector



Altronix NetWaySP1BTWPN 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.



NetWaySP1BTWPN

Specifications

Input

48-56VDC @ 1.9A (95W)

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

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)

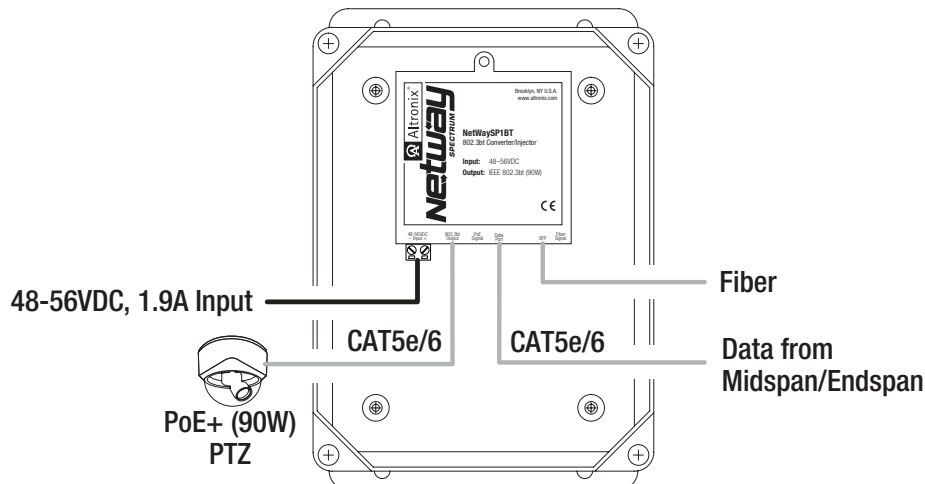
Temperature

Operating: 60W: -40°C to 75°C (-40°F to 167°F)
80W: -40°C to 70°C (-40°F to 158°F)
90W: -40°C to 60°C (-40°F to 140°F)
-40°C to 85°C (-40°F to 185°F)

Storage:

Relative Humidity: 85% +/- 5%
Operating Altitude: -304.8 to 2,000m

Typical Application



Lifetime Warranty

Similar products

NetWaySP1BTWPX	Outdoor 802.3bt media converter/injector with integral power in NEMA 4/4X IP66-11 enclosure which accommodates stand-by batteries.
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

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

PoE201 - Power Supply/Charger Board
56VDC/120W output. Filtered and electronically regulated output. Short circuit and thermal overload protection.



VertiLine563

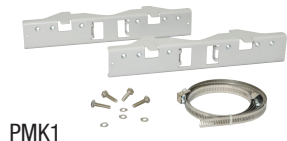
VertiLine563 - EIA 19" 1U Rack Mountable Dual Independent Power Supply/Charger
56VDC @ 3A each output. Filtered and electronically regulated output. Short circuit and thermal overload protection.

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

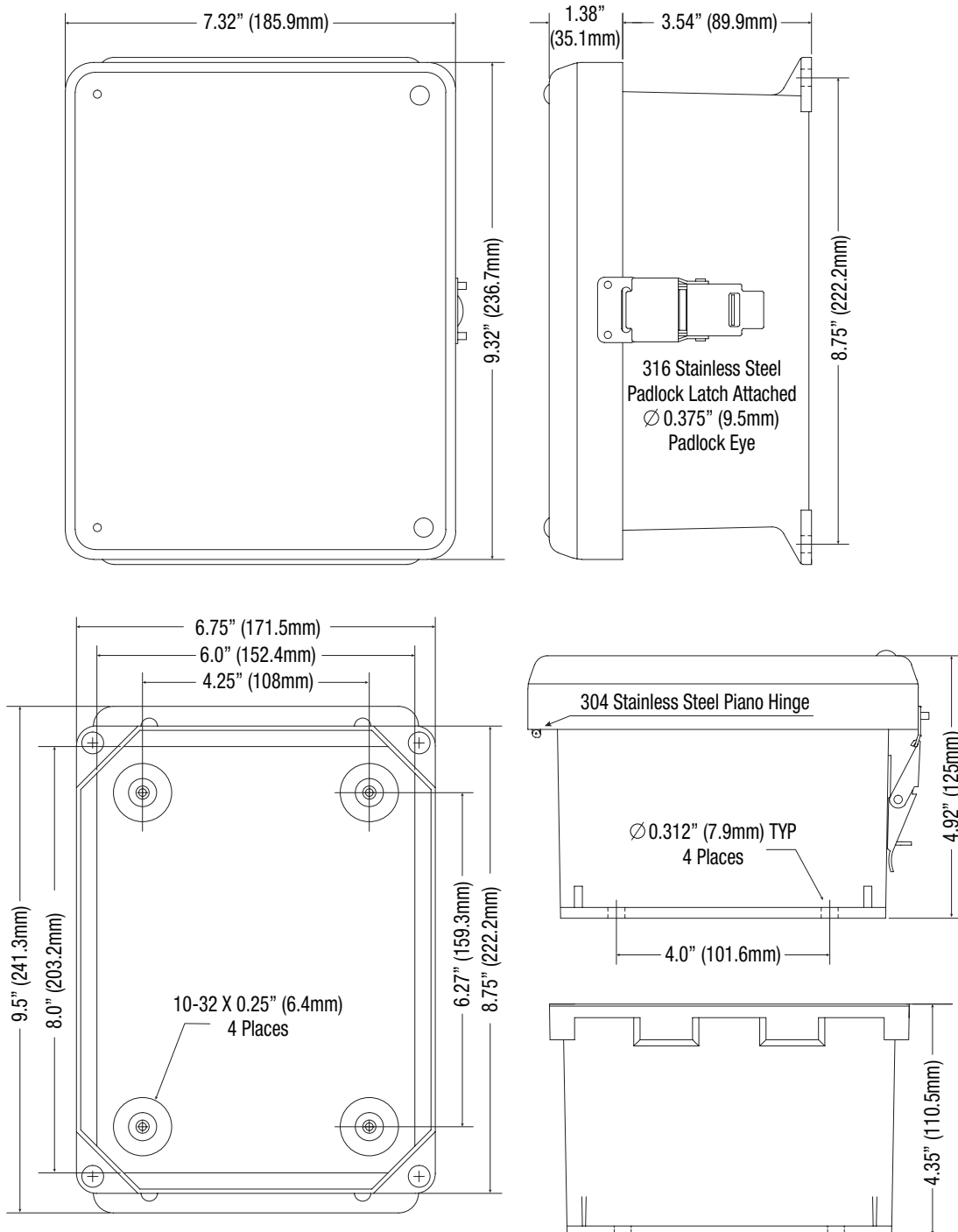
PMK1 pole mount kit is designed to simplify installation of outdoor units. It accommodates 2" - 8" (diameter) poles.

Lifetime Warranty

Dimensions and Drawing

Dimensions (H x W x D approximate)

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



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