

NetWaySP2PWPX

3-Port Ethernet over Fiber PoE+ Hardened Outdoor Switch



Altronix NetWaySP2PWPX 3-Port PoE+ hardened switch with internal power converts a single Fiber (1000Base-X/SX/LX) into two (2) Ethernet ports (10/100/1000 Mbps) and provides PoE/PoE+ power to connected devices. Mounted in NEMA 4/4X, IP66-11 enclosure, which accommodates four (4) 12VDC/4AH batteries (48V of backup) it features auto detection and protection of legacy non-PoE cameras/devices.



NetWaySP2PWPX

Specifications

3-Port Ethernet over Fiber PoE+ Hardened Switch (NetWaySP2P):

Input

Voltage 56VDC from POE240

Power Output

Maximum Power Two (2) PoE / PoE+ ports, rated up to 30W max.
IEEE 802.3af and IEEE 802.3at 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: IP Link status, 10/100/1000 Base-T/active

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 LiFePO₄ (Lithium Iron Phosphate) or sealed lead acid or gel type

Failover Upon AC loss, instantaneous

Charging Circuit 24VDC, 0.75A
Batteries are sold separately

NetWaySP2PWPX:

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: -40°C to 70°C (-40°F to 158°F)

Storage: -40°C to 75°C (-40°F to 167°F)

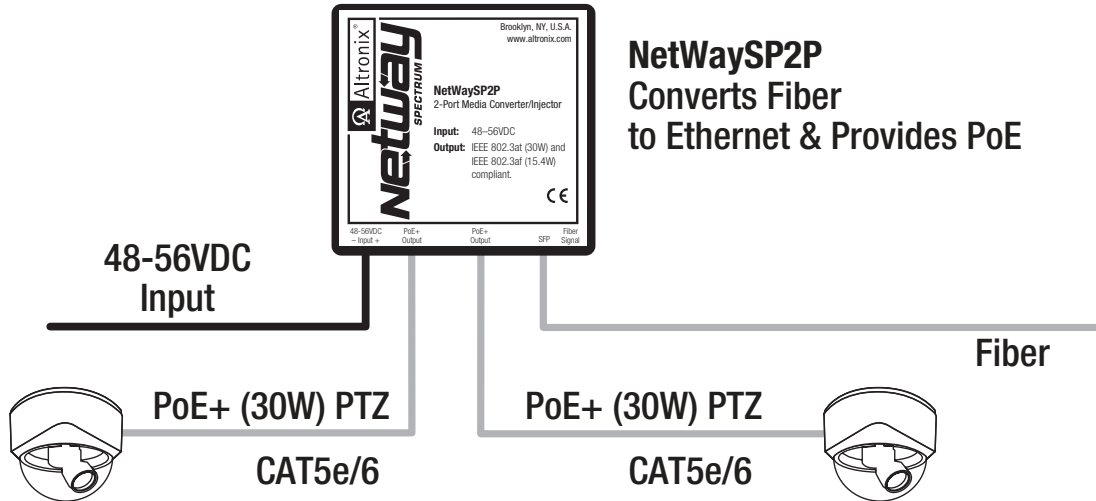
Relative Humidity 85% +/- 5%

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

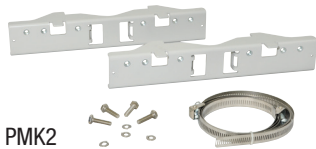
Operating Altitude -304.8 to 2,000m

Lifetime Warranty

Typical Application



Accessories (order separately)



PMK2 - Pole Mount Kit

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

PMK2



SFP Modules - Hot Pluggable Transceivers

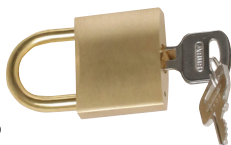
P1MM Multi-Mode SFP Module for distances up to 550m
 P1SM10 Single-Mode SFP Module for distances up to 10km
 P1AB2K Single Strand SFP Module for distances up to 2km
 P1GCE Copper SFP Module for distances up to 100m



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

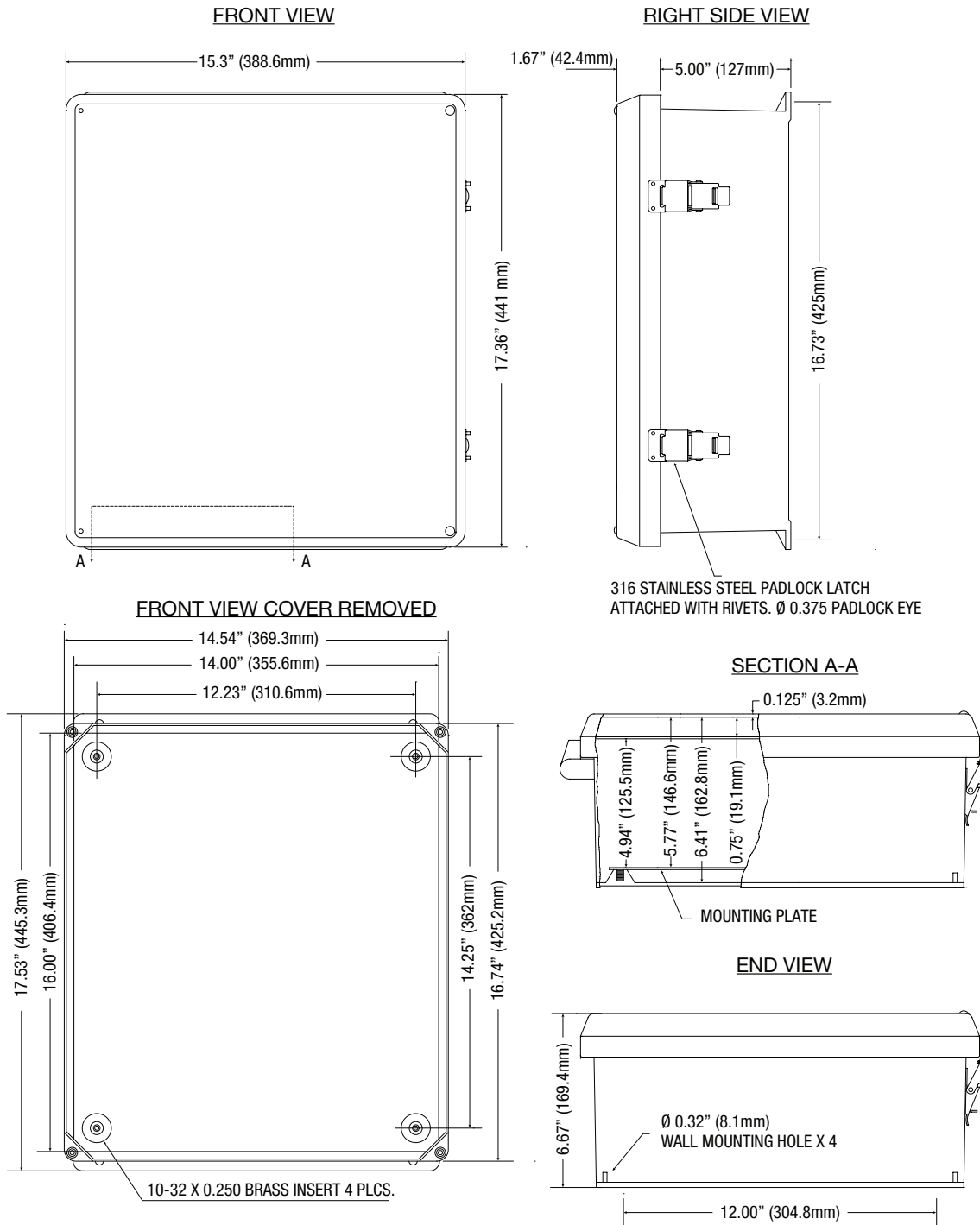
Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

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