

## NetWaySP8WPN

### 8-port Outdoor Hardened PoE Switch



Altronix NetWaySP8WPN PoE+ Outdoor Hardened Switch provides two (2) 1Gb SFP (Fiber) ports and eight (8) PoE+ (30W) or two (2) 60W ports (external 48-55V UL Listed ITE power supply required), passing data for PoE/PoE+ compliant devices. Cameras/edge devices may be located up to 100m from the unit. Embedded LINQ Technology allows you to monitor, control, and report power and diagnostics from anywhere.



NetWaySP8WPN

#### Key Features

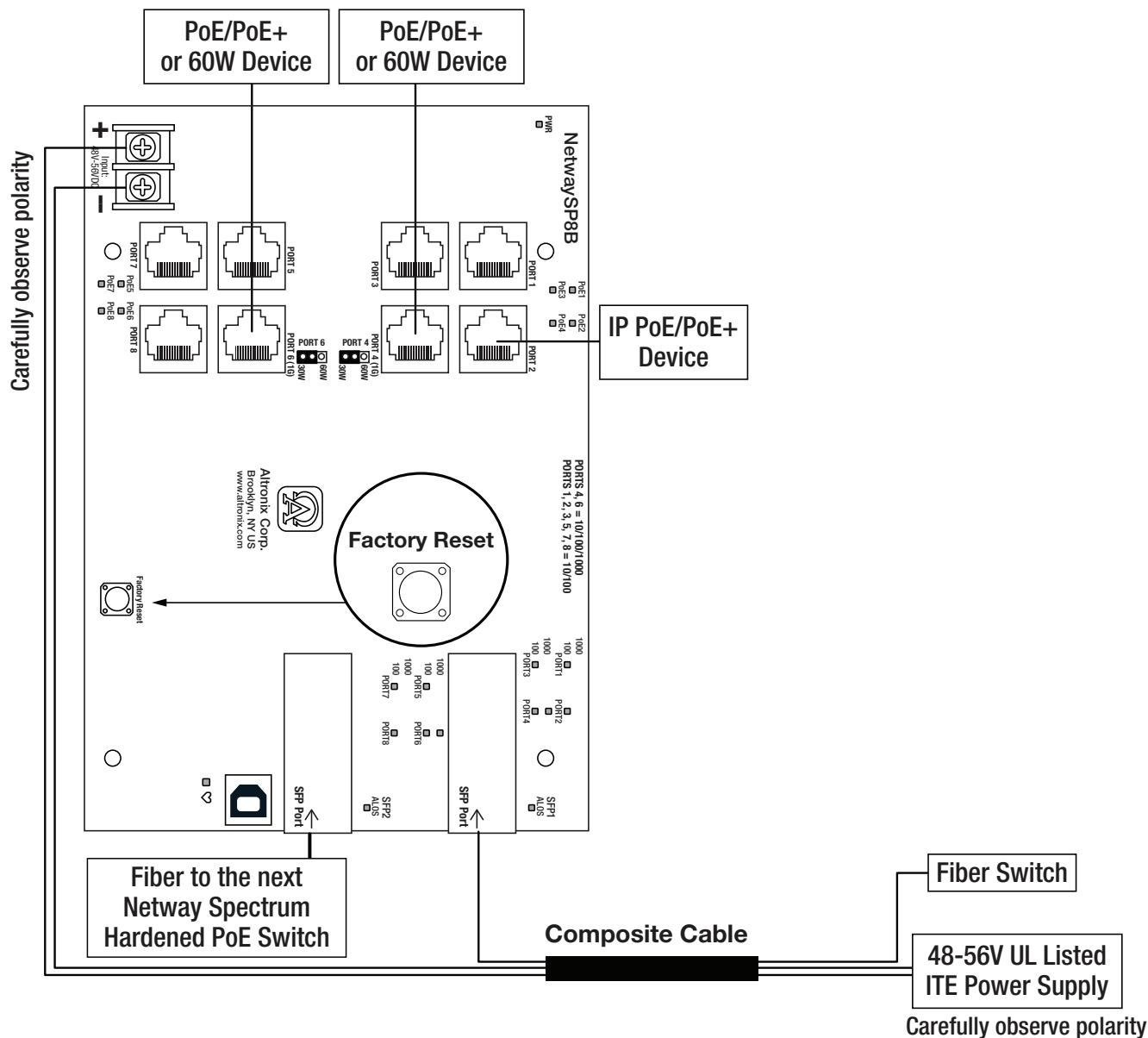
- Two (2) Gigabit SFP ports.
- 115W total power:
  - Eight (8) PoE/PoE+ (up to 30W) ports or two (2) 60W ports
- Two (2) 10/100/1000 Mbps ports
- Six (6) 10/100 Mbps ports
- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant, or 60W
- PoE activity LED indicators
- VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

#### Similar products

<b>NetWaySP4WPX</b>	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWaySP4WP</b>	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
<b>NetWaySP4X</b>	Indoor 4-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure
<b>NetWaySP4PL</b>	4-port PoE+ Hardened Switch with Integral Power on a Backplane
<b>NetWaySP4B</b>	4-port PoE+ Hardened Switch (board only)

#### Lifetime Warranty

### Typical Composite (Fiber + Copper) Application



### Lifetime Warranty

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

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## NetWaySP8WPN

8-port Outdoor Hardened PoE Switch



### Specifications

#### Input

**Voltage** 48-56V UL Listed ITE power supply (up to 120W)

#### Power Output

**Maximum Power** Eight (8) PoE+ (30W) ports or two (2) 60W ports  
IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant  
115W total power  
Integral surge protection

**Fiber Ports:** Two (2) Gigabit SFP ports

**Ethernet Ports:** Six (6) 10/100 Mbps and two (2) 10/100/1000 Mbps ports  
Connectivity: RJ45, auto-crossover  
Wire type: 4-pair CAT5 or better structured cable  
Distance: up to 100m  
Speed: 10/100/1000 Mbps, half/full duplex, auto negotiation

#### Indicators (LED)

Individual PoE On LEDs for each port  
Individual IP Link status, 10/100Base-T/active LEDs for each port  
ALOS LED indicates fiber connection for SFP port  
Heartbeat LED indicates proper operation of the unit

#### VLAN:

Multiple management VLAN assignment  
802.1Q Tagged VLAN. Up to 10 VLAN groups  
ID Range 2-4095

#### LINQ Technology:

Remote network management allows for camera/device reset and monitoring  
Provides local and/or remote access to critical information via LAN/WAN  
Email and Windows Dashboard Alert notifications report real-time diagnostics.  
Event log tracks history

#### Agency Listings

UL/cUL	UL60950-1 (Information Technology Equipment) UL60950-22 (Information Technology Equipment to be installed Outdoors)
CE	European Conformity

#### Physical and Environmental

##### Dimensions (H x W x D)

Enclosure:	13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)
Shipping:	20.25" x 12.5" x 7.25" (514.4mm x 317.5mm x 184.2mm)
NEMA 4/4X, IP66-11	Rated enclosure for outdoor use

##### Weight (approx.)

Product:	9.5 lb. (4.3 kg)
Shipping:	10.9 lb. (4.9 kg)

##### Temperature

Operating (120W):	- 40°C to 75°C (- 40°F to 167°F)
Storage:	- 40°C to 85°C (- 40°F to 185°F)

**Relative Humidity** 85% +/- 5%

**Operating Altitude:** - 304.8 to 2,000m

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## NetWaySP8WPN

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### Power Sourcing Equipment and Accessories (order separately)



(front)

(rear)

#### 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.



#### 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

#### Ethernet over Fiber Media Converter/Repeater for Applications Requiring an Additional SFP (Fiber) Port

NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).



#### PoE Power Supplies

##### POE60 - 75W Power Supply/Lithium Iron Phosphate Charger

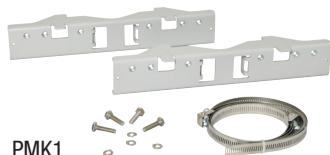
Provides 75W for NetWay Spectrum switches.

It also features a built-in charger for Lithium Iron Phosphate batteries.

##### POE201 - 120W Power Supply/Charger

Provides 120W for NetWay Spectrum switches.

It also features a built-in charger for sealed lead acid or gel type batteries.



PMK1

#### PMK1 - Pole Mount Kit

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



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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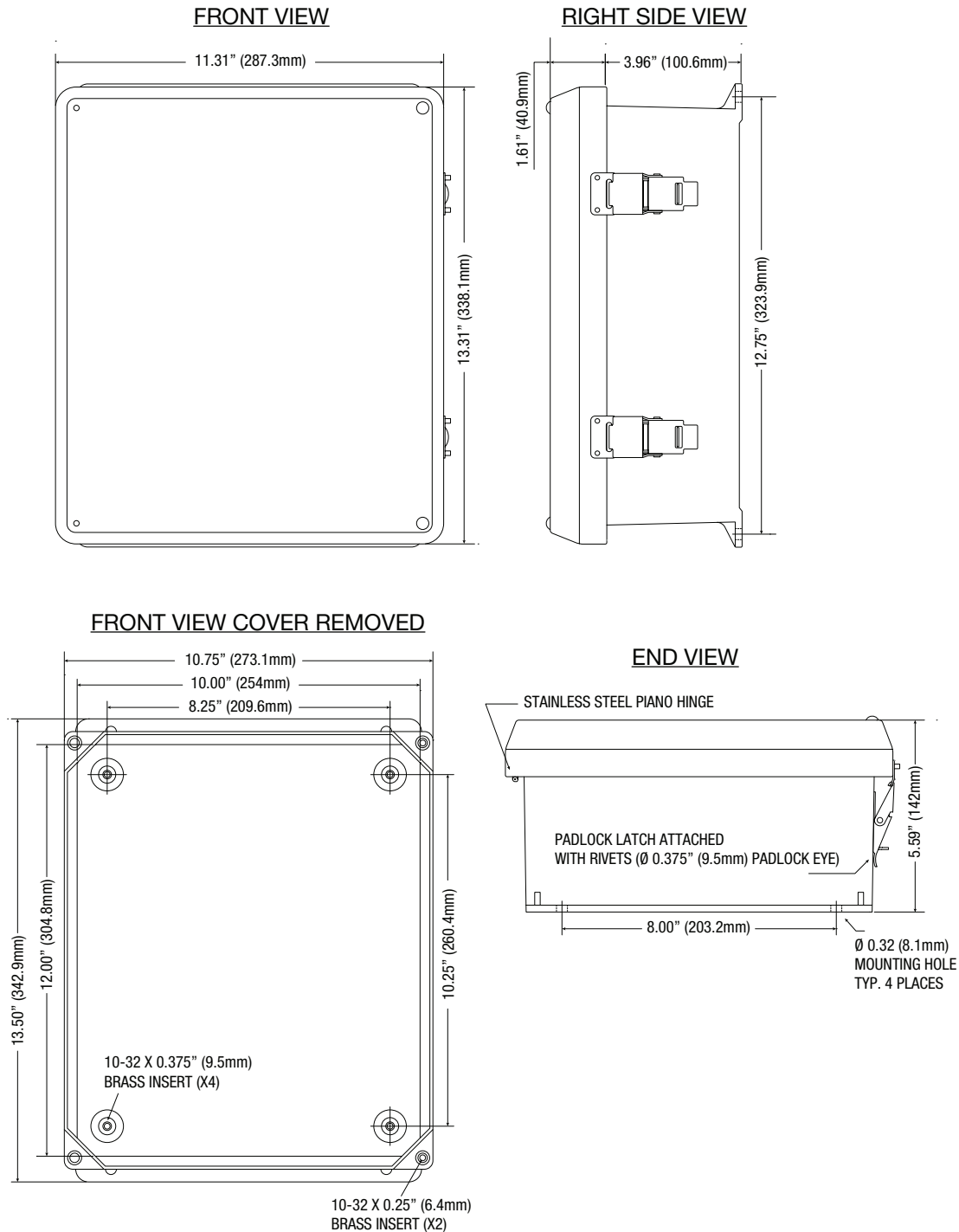
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### Dimensions and Drawing

Dimensions (H x W x D approximate)

13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)



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