NetWaySP8WPN
8-port PoE+ Outdoor Hardened Switch

NetWaySP8WPN

Description

Altronix NetWaySP8WPN PoE+ Outdoor Hardened Switch provides two (2) 1Gb SFP (Fiber) ports and eight (8) PoE+ (30W) or two (2) Hi-PoE (60W) ports (external 48-55V UL Listed ITE power supply required), passing data for PoE/PoE+/Hi-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.
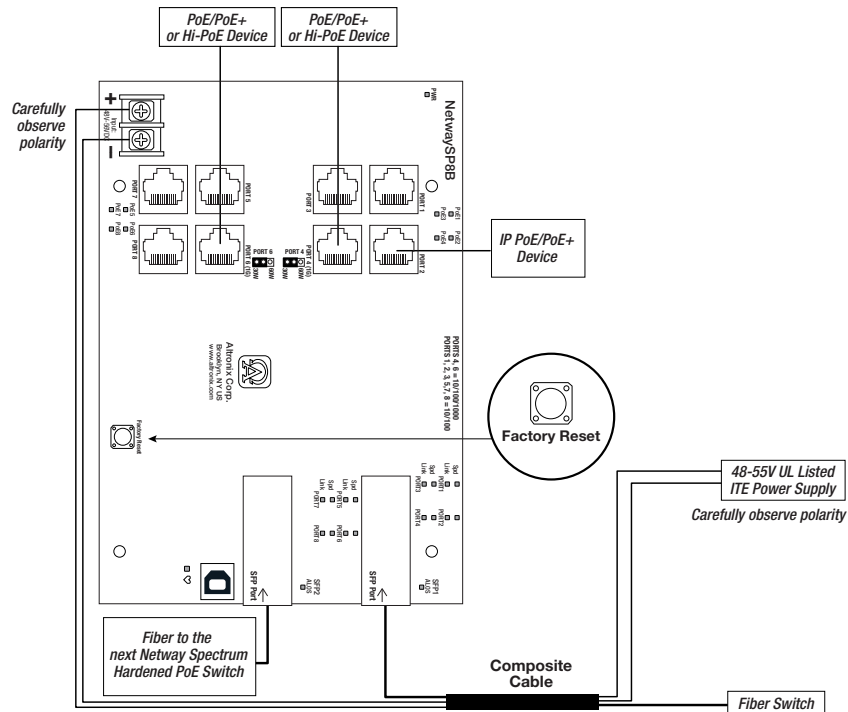
Key Features

- Two (2) Gigabit SFP ports.
- 115W total power:
  - Eight (8) PoE/PoE+ (up to 30W) ports or two (2) Hi-PoE (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 Hi-PoE (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 Approved.
- Lifetime Warranty / Made in the U.S.A.

Similar products:

- NetWaySP8WPX - 8-port PoE+ Outdoor Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries.
- NetWaySP8WP - 8-port PoE+ Outdoor Hardened Switch in NEMA 4/4X, IP66-11 enclosure.
- NetWaySP8X - 8-port PoE+ Indoor Hardened Switch.
- NetWaySP8PL - 8-port PoE+ Hardened Switch on Backplane.
- NetWaySP8B - 8-port PoE+ Switch board only.

Typical Application

NetWaySP8WPN
8-Port PoE+ Hardened Switch

Specifications

Input

Voltage — 48-55V UL Listed ITE power supply (up to 120W).

Power Output

Maximum Power — Eight (8) PoE+ (30W) ports
or two (2) Hi-PoE (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

Enclosure Dimensions (H x W x D approx.):
13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm).
NEMA 4/4X, IP66-11 Rated enclosure for outdoor use.

Product Weight / Shipping (approx.)
Product Weight: — 9.5 lb. (4.3 kg).
Shipping Weight: — 10.9 lb. (4.9 kg).
Temperature
Operating (115W): — -40ºC to 75ºC (-40ºF to 167ºF)
Storage: — -40ºC to 85ºC (-40ºF to 185ºF)
Relative Humidity: — 85% +/-5%.
Operating Altitude: — -304.8 to 2,000m.

Accessories (order separately)

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).

4-port Ethernet over
Fiber Media Converter
for applications utilizing
composite or conventional
cabling

NetWaySP4 -
Unit passes a maximum power up to 120W per port from a Power Supply
or Midspan Injector. Four (4) 1Gb SFP ports.

NetWaySP4P -
Unit passes a maximum power up to 120W per port from a built-in
Power Supply/Charger. Four (4) 1Gb SFP ports.

NetWaySP4P2 -
Unit passes 56VDC power-limited 60W max. per port 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.

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 - Pole Mount Kit
Designed to simplify installation of outdoor
units (WP1, WP3 and WP4).
It accommodates 2"- 8"(diameter) poles.