

NetWaySP8B

8-Port PoE+ Switch Board

Description

Altronix NetWaySP8B PoE+ Switch board provides two (2) 1Gb SFP (Fiber) ports and eight (8) PoE+ (30W) or two (2) Hi-PoE (60W) ports, 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.



NetWaySP8B

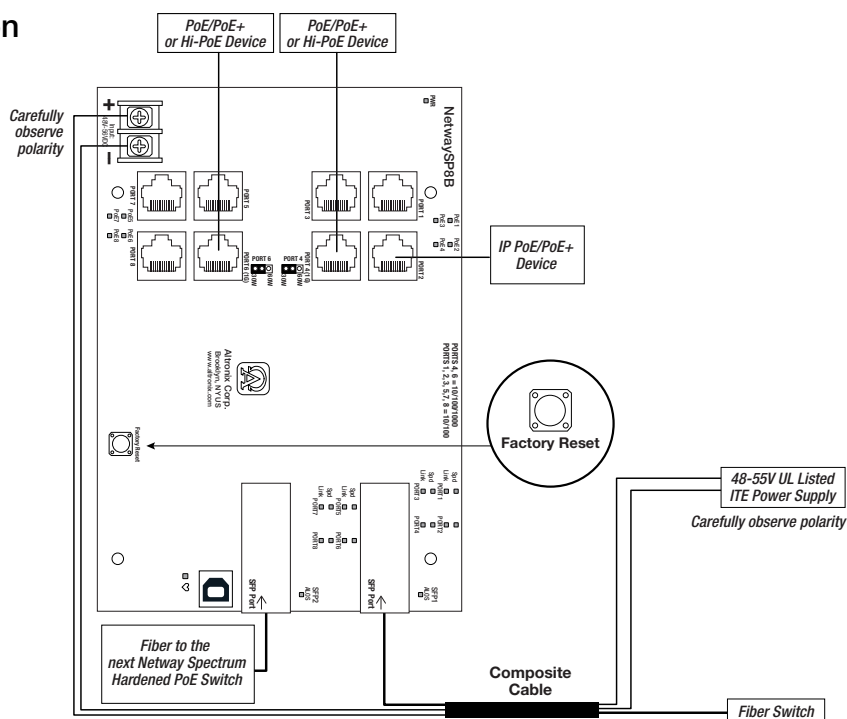
Key Features

- 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.
- Mounting hardware included.
- 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.
- NetWaySP8WPN - 8-port PoE+ Outdoor Hardened Switch only in NEMA 4/4X, IP66-11 enclosure.
- NetWaySP8X - 8-port PoE+ Indoor Hardened Switch.
- NetWaySP8PL - 8-port PoE+ Hardened Switch on Backplane.

Typical Application



NetWaySP8B 8-Port PoE+ Switch Board

Specifications

Input

Voltage 48V-55V (UL Listed ITE power supply)

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

Dimensions (H x W x D)

7.25" x 4.875" x 1.25" (184.2mm x 123.8mm x 31.8mm).

Product Weight: 0.4 lb. (0.18 kg).

Shipping Weight: 0.75 lb. (0.34 kg).

Temperature

Operating: 60W: -40°C to 75°C (-40°F to 167°F).
75W: -40°C to 70°C (-40°F to 158°F).
100W: -40°C to 55°C (-40°F to 131°F).
115W: -40°C to 45°C (-40°F to 113°F).

Storage: -40°C to 85°C (-40°F to 185°F).

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.

