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.
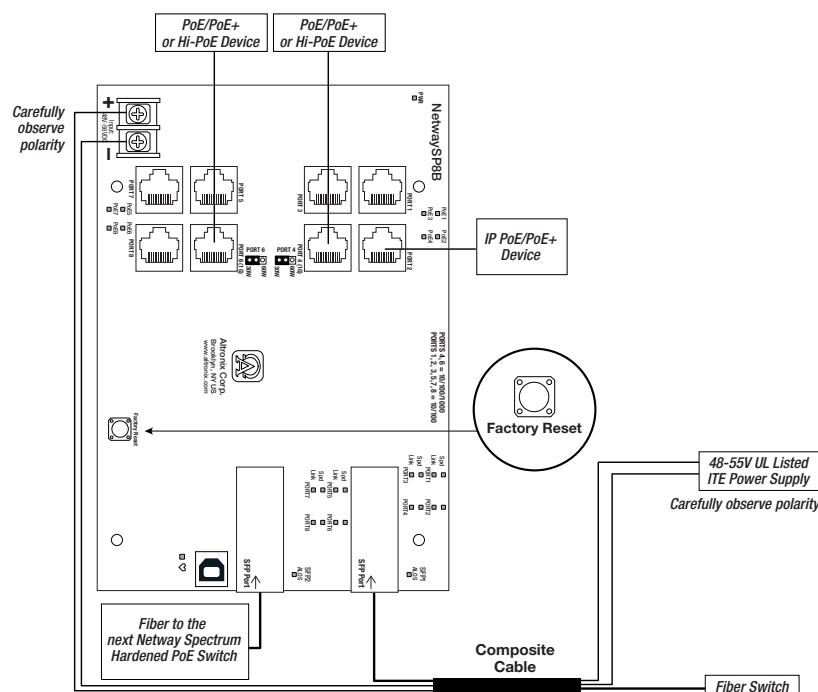
NetWaySP8B

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.

- 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.

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 lbs. (0.18 kg).
Shipping Weight: 0.75 lbs. (0.34 kg).
Temperature
Operating: 60W: -40ºC to 75ºC (-40ºF to 167ºF).
75W: -40ºC to 70ºC (-40ºF to 158ºF).
100W: -40ºC to 55ºC (-40ºF to 131ºF).
115W: -40ºC to 45ºC (-40ºF to 113ºF).
Storage: -40ºC to 85ºC (-40ºF to 185ºF).
Relative Humidity: 85% +/-5%.
Operating Altitude: -304.8 to 2,000m.

Accessories

PoE201 - 120W Power Supply/Charger
PoE201 provides 120W for NetWay Spectrum switches with 1Gb SFP ports.
It also features a built-in charger for sealed lead acid or gel type batteries.

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).

P1MM and P1SM10 - SFP Modules
Altronix P1MM and P1SM10 are hot-pluggable SFP fiber transceiver modules and are readily usable with all Altronix Spectrum fiber optic equipment for 1G transmission rates. The P1MM is to be used with Multi-Mode Fiber for distances up to 550m. The P1SM10 is to be used with Single-Mode Fiber for distances up to 10Km.