

NetWaySP4PL

4-port PoE+ Switch

Description

Altronix NetWaySP4PL PoE+ Switch provides two (2) 1Gb SFP (Fiber) ports and four (4) 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.



NetWaySP4PL

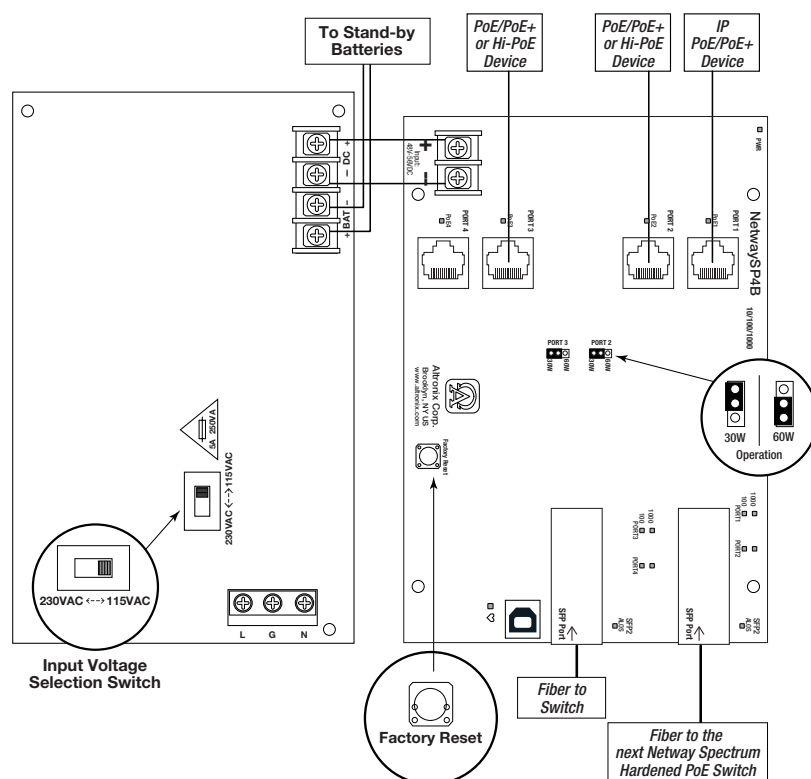
Key Features

- Two (2) Gigabit SFP ports.
- 120W total power:
 - Four (4) PoE/PoE+ (up to 30W) ports or two (2) Hi-PoE (60W) ports.
- Four (4) 10/100/1000 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:

- NetWaySP4WPX - Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries.
- NetWaySP4WP - Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure.
- NetWaySP4WPN - Outdoor 4-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure.
- NetWaySP4X - Indoor 4-port PoE+ Hardened Switch.
- NetWaySP4B - 4-port PoE+ Switch board only.

Typical Application



NetWaySP4PL

4-port PoE+ Switch

Specifications

Input

Voltage	115VAC, 60Hz, 2.5A or 230VAC, 50/60Hz, 1.3A.
Fusing	5A/250V.

Power Output

Maximum Power	Four (4) PoE+ (30W) ports or two (2) Hi-PoE (60W) ports. IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant. 120W total power. Integral surge protection.
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Fiber Ports: Two (2) Gigabit SFP ports.

Ethernet Ports: Four (4) 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.

Back-up Battery (not included)

Type	Sealed lead acid or gel type.
Fallover	Upon AC loss, instantaneous.

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

Backplane Dimensions (H x W x D approx.):

10.75" x 8.875" x 2.375" (273.1mm x 225.4mm x 60.3mm).

Product Weight / Shipping (approx.)

Product Weight: 2.8 lbs. (1.27 kg).

Shipping Weight: 4.2 lbs. (1.9 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).
120W: -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%

BTU/Hr. (approx.): 61 BTU/Hr.

Operating Altitude: -304.8 to 2,000m.

Accessories



**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

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.



P1AB2K - SFP Single-Mode Transceiver Kit

P1A2K and P1B2K are hot-pluggable bi-
directional single strand SFP fiber transceiver
modules and are readily usable with all

Altronix NetWay Spectrum fiber optic equipment for 1G transmission rates at
distances up to 2km.



P1GCE - SFP Copper Transceiver

P1GCE is a hot-pluggable SFP transceiver
module and is readily usable with all Altronix
NetWay Spectrum equipment for 1G
transmission rates. The P1GCE is to be used
with CAT5e or better copper ethernet for
distances up to 100m.