Altronix®

NetWaySP8PL

8-port Hardened PoE Switch with Integral Power on a Backplane

NetWay SPECTRUM

Altronix NetWaySP8PL PoE+ Switch provides two (2) 1Gb SFP (Fiber) ports and eight (8) PoE+ (30W) or two (2) Hi-PoE (60W) ports. 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.

NetWaySP8PL

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 European Conformity

- Lifetime Warranty

Similar products

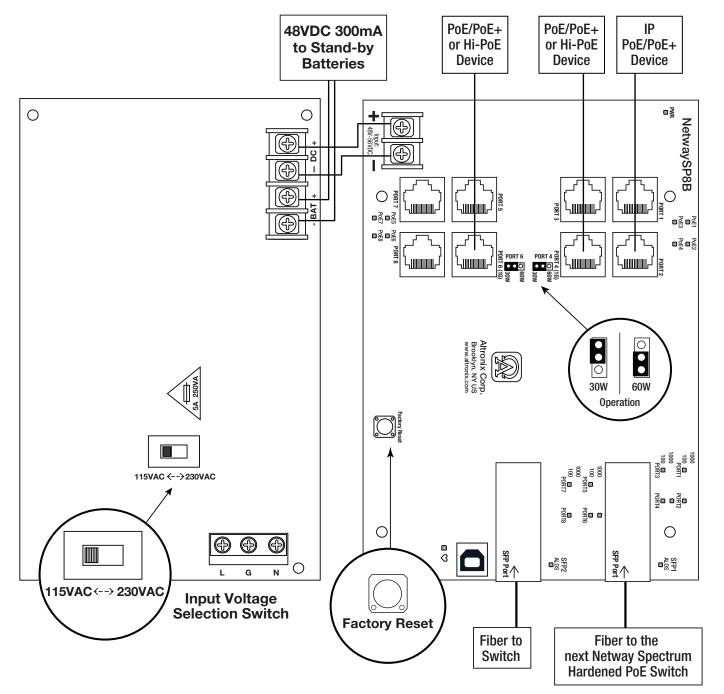|	
NetWaySP8WPX	Outdoor 8-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP8WP	Outdoor 8-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
NetWaySP8WPN	Outdoor 8-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure
NetWaySP8X	Indoor 8-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure
NetWaySP4B	8-port PoE+ Hardened Switch (board only)

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Typical Application

48VDC 300mA to Stand-by Batteries

PoE/PoE+ or Hi-PoE Device

PoE/PoE+ or Hi-PoE Device

IP PoE/PoE+ Device

NetwaySP8B

Input: 48V-56VDC

PORT 7 PoE5
PoE7
PoE6 PoE8

PORT 8

PORT 5

PORT 6
PORT 6 (1G)
30W 60W

PORT 4
PORT 4 (1G)
30W 60W

PORT 3

PORT 1
PoE1 PoE2
PoE3 PoE4

PORT 2

PWR

30W | 60W
Operation

Altronix Corp.
Brooklyn, NY US
www.altronix.com

Factory Reset

5A 250VA

115VAC ←--→ 230VAC

115VAC ←--→ 230VAC
Input Voltage Selection Switch

L G N

Factory Reset

1000 100 PORT7
PORT8

1000 100 PORT5
PORT6

1000 100 PORT3
PORT4

1000 100 PORT1
PORT2

SFP Port
SFP2 ALOS

SFP Port
SFP1 ALOS

Fiber to Switch

Fiber to the next Netway Spectrum Hardened PoE Switch

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Specifications

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

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

Back-up Battery (not included)
Type — Sealed lead acid or gel type
Failover — 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 lb. (1.27 kg)
Shipping Weight: 4.2 lb. (1.9 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%
BTU/Hr. (approx.): 61 BTU/Hr.
Operating Altitude: -304.8 to 2,000m.

Accessories (order separately)

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).