Altronix®

NetWay4EWP
4-port PoE+ Hardened Switch

Netway SPECTRUM

Altronix NetWay4EWP Outdoor PoE+ Hardened Switch provides a 1Gb SFP port and four (4) PoE+ (30W) ports or up to 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.
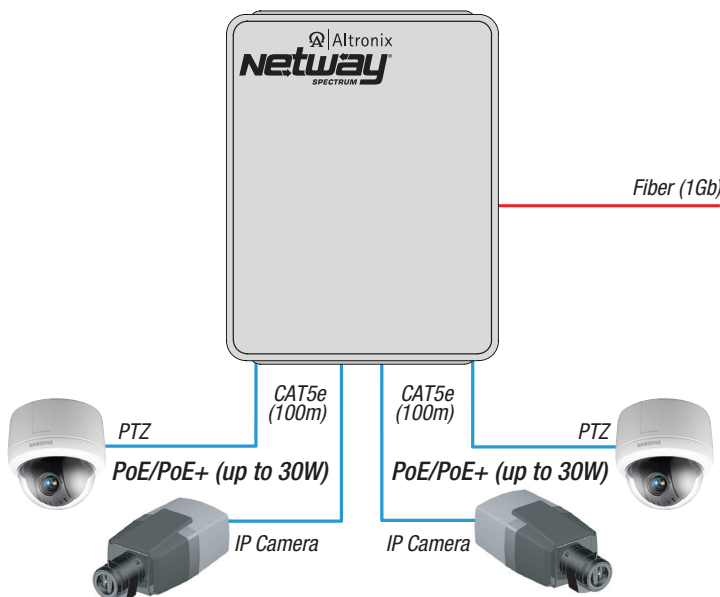
NetWay4EWP

Key Features

- Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) ports or two (2) Hi-PoE (60W) ports.

- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant.

- 120W total power.

- One (1) Gigabit SFP port.

- NEMA4/4X, IP66 Rated enclosure for outdoor use.

- Built-in charger for sealed lead acid or gel type batteries.

- Automatic switch over to stand-by battery when AC fails.

- PoE activity LED indicators.

- UL Listed in the U.S. and Canada.

- CE European Conformity.
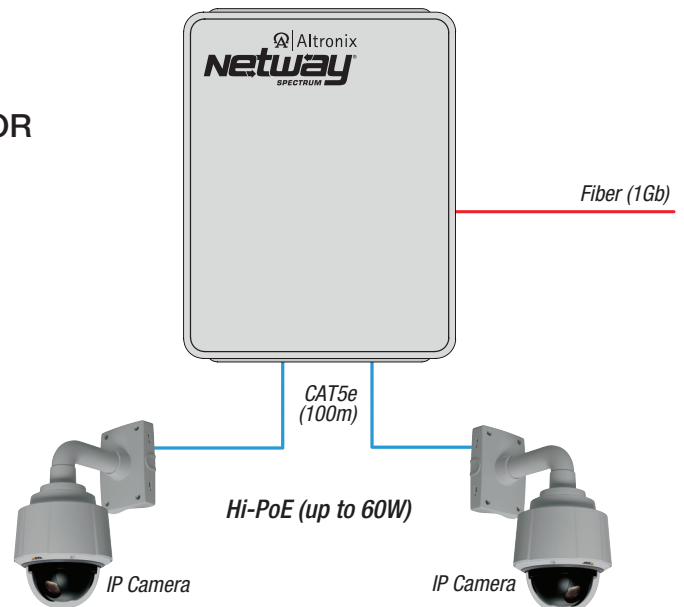
- Lifetime Warranty / Made in the U.S.A.

Similar products:

- NetWay4EWPX - Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries.

- NetWay4EWPN - Outdoor 4-port Hardened Switch only in NEMA 4/4X, IP66-11 enclosure.

- NetWay4EX - Indoor 4-port PoE+ Hardened Switch.

- NetWay4EPL - 4-port PoE+ Hardened Switch on Backplane.

- NetWay4EB - 4-port PoE+ Switch board only.

Typical Applications

Netway SPECTRUM

OR

Netway SPECTRUM

Fiber (1Gb)

Fiber (1Gb)

CAT5e (100m)

CAT5e (100m)

CAT5e (100m)

PTZ

PoE/PoE+ (up to 30W)

PoE/PoE+ (up to 30W)

PTZ

IP Camera

IP Camera

Hi-PoE (up to 60W)

IP Camera

IP Camera

Specifications

Input

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

Power Output

Maximum Power	Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) ports or two (2) Hi-PoE (60W) ports.
	IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant.
	120W total power.
	Integral surge protection.
Fiber Port:	One (1) Gigabit SFP port.

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.

Back-up Battery (not included)

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

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:	10.32 lbs. (4.68 kg).
Shipping Weight:	11.7 lbs. (5.3 kg).

Temperature

Operating:	60W: -40ºC to 75ºC (-40ºF to 167ºF).
	75W: -40ºC to 70ºC (-40ºF to 158ºF).
	100W: -40ºC to 55ºC (-40ºF to 131ºF).
	120W: -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

PMK1 - Pole Mount Kit
(order separately)
PMK1 pole mount kit is designed to simplify installation of outdoor units.
It accommodates 2"- 8"(diameter) poles.

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.

Lifetime Warranty / Made in the U.S.A.
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