

NetWay4EWPN

4-port PoE+ Hardened Switch



Altronix NetWay4EWPN Outdoor PoE+ Hardened Switch provides a 1Gb SFP port and four (4) PoE+ (30W) 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.

For unmanaged switch see model [NetWay41EWPN](#).



NetWay4EWPN

Key Features

- Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) ports
- External 48-56V UL Listed ITE power supply required
- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant
- One (1) Gigabit SFP port
- NEMA4/4X, IP66 Rated enclosure for outdoor use
- PoE activity LED indicators
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

Similar products

NetWay4EWPX	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWay4EWP	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
NetWay4EPL	4-port PoE+ Hardened Switch with Integral Power on a Backplane
NetWay4EX	Indoor 4-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure
NetWay4EB	4-port PoE+ Hardened Switch (board only)

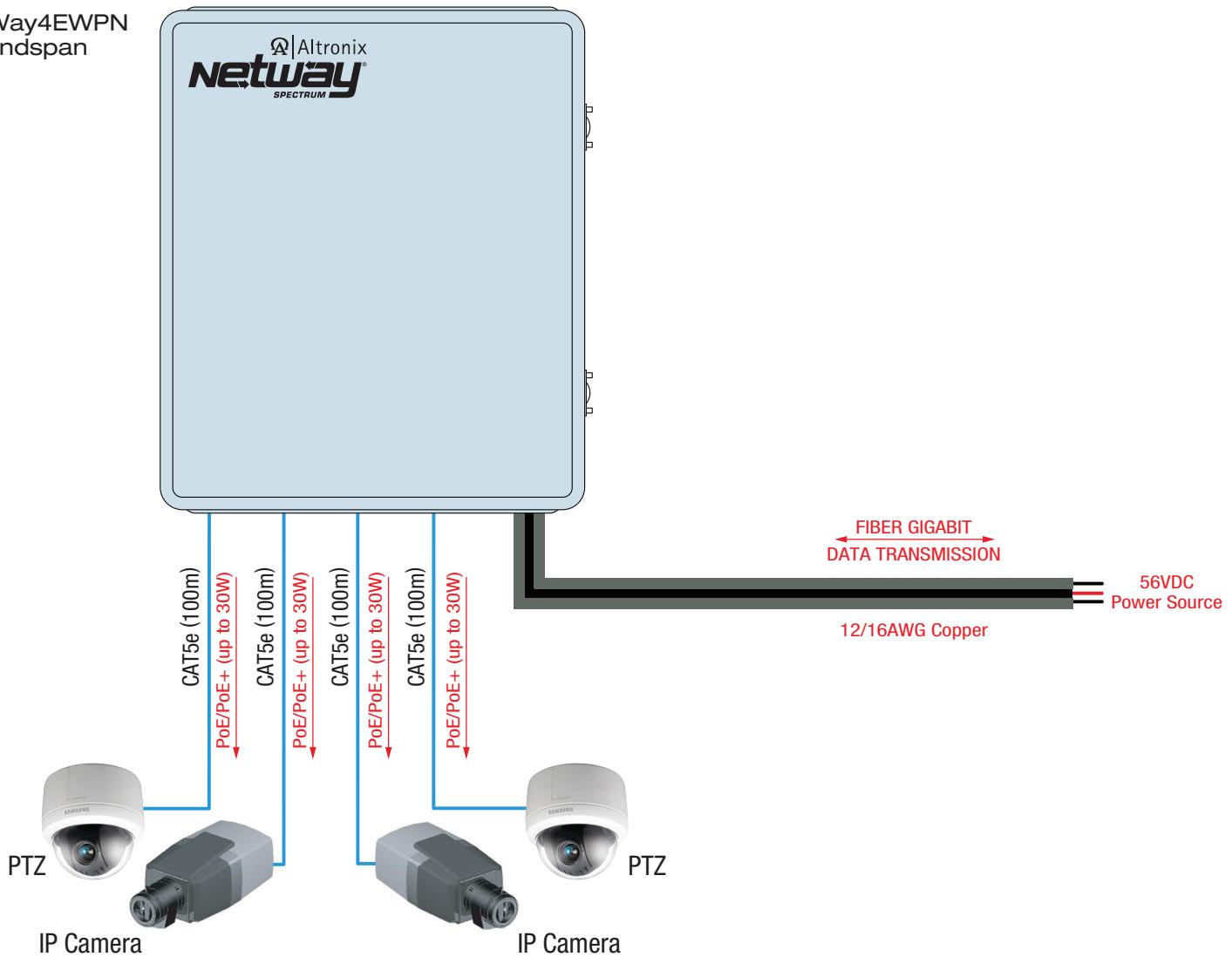
Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

Typical Application

NetWay4EWPN
Endspan


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Specifications

Input

Voltage 48V-56V (UL Listed ITE power supply)

Power Output

Maximum Power Four (4) 10/100/1000 Mbps
PoE/PoE+ (up to 30W) ports
IEEE 802.3at (30W) and
IEEE 802.3af (15W) compliant
120W total power

Fiber Port: Integral surge protection

Ethernet Ports: One (1) Gigabit SFP port
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

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

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

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)**

Enclosure: 13.31" x 11.31" x 5.59"
(338.1mm x 287.3mm x 142mm)
Shipping: 20.25" x 12.5" x 7.25"
(514.4mm x 317.5mm x 184.2mm)

NEMA 4/4X, IP66-11 Rated enclosure for outdoor use

Weight (approx.)

Product: 7.7 lb. (3.49 kg)
Shipping: 10.0 lb. (4.54 kg)

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%

Operating Altitude: – 304.8 to 2,000m

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Power Sourcing Equipment and Accessories (order separately)


(front)

(rear)

4-port Ethernet over Fiber Media Converters for Applications Utilizing Composite or Conventional Cabling
NetWaySP4

Unit passes a maximum power up to 120W per port (240W total power) from a Power Supply or Midspan Injector. Four (4) 1Gb SFP ports.

NetWaySP4P

Unit provides a maximum power up to 120W per port (240W total power) from a built-in Power Supply/ Charger. Four (4) 1Gb SFP ports.

NetWaySP4P2

Unit provides 56VDC power-limited 60W max. per port (240W total power) 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


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).


PoE Power Supplies
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.



PMK1

PMK1 - Pole Mount Kit

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



Lock1WP

LOCK1WP - Pad Lock for Altronix Outdoor Enclosures

Altronix Lock1WP is a pad lock to secure the latches on Altronix outdoor enclosures.

Includes a single pad lock and two (2) keys.



WG1

WG1 - NEMA Rated Wire Gland Inlet

Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

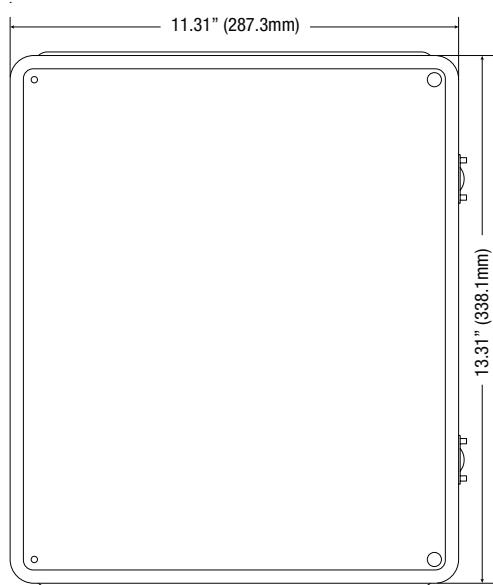
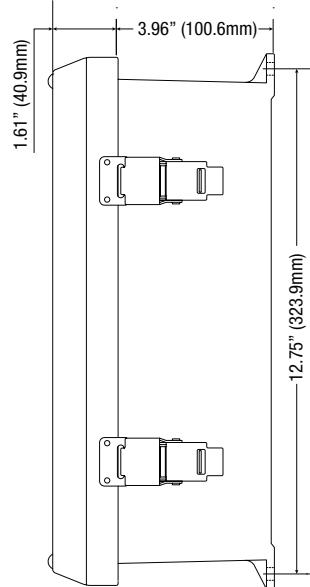
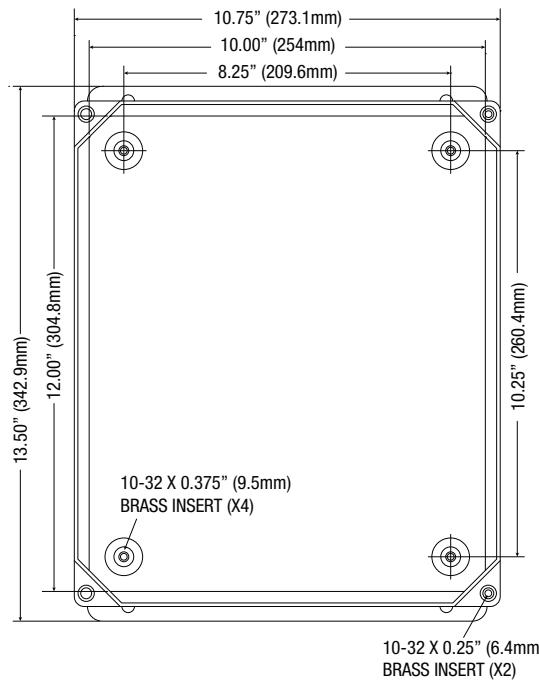
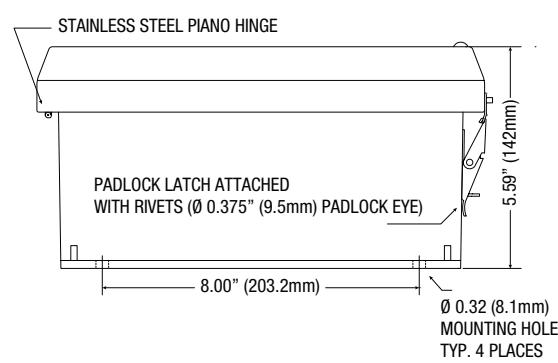
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Dimensions and Drawing
Dimensions (H x W x D approximate)

13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)

FRONT VIEW

RIGHT SIDE VIEW

FRONT VIEW COVER REMOVED

END VIEW

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