Altronix®

NetWay4EWPN
4-port PoE+ Hardened Switch

Netway® SPECTRUM

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.

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
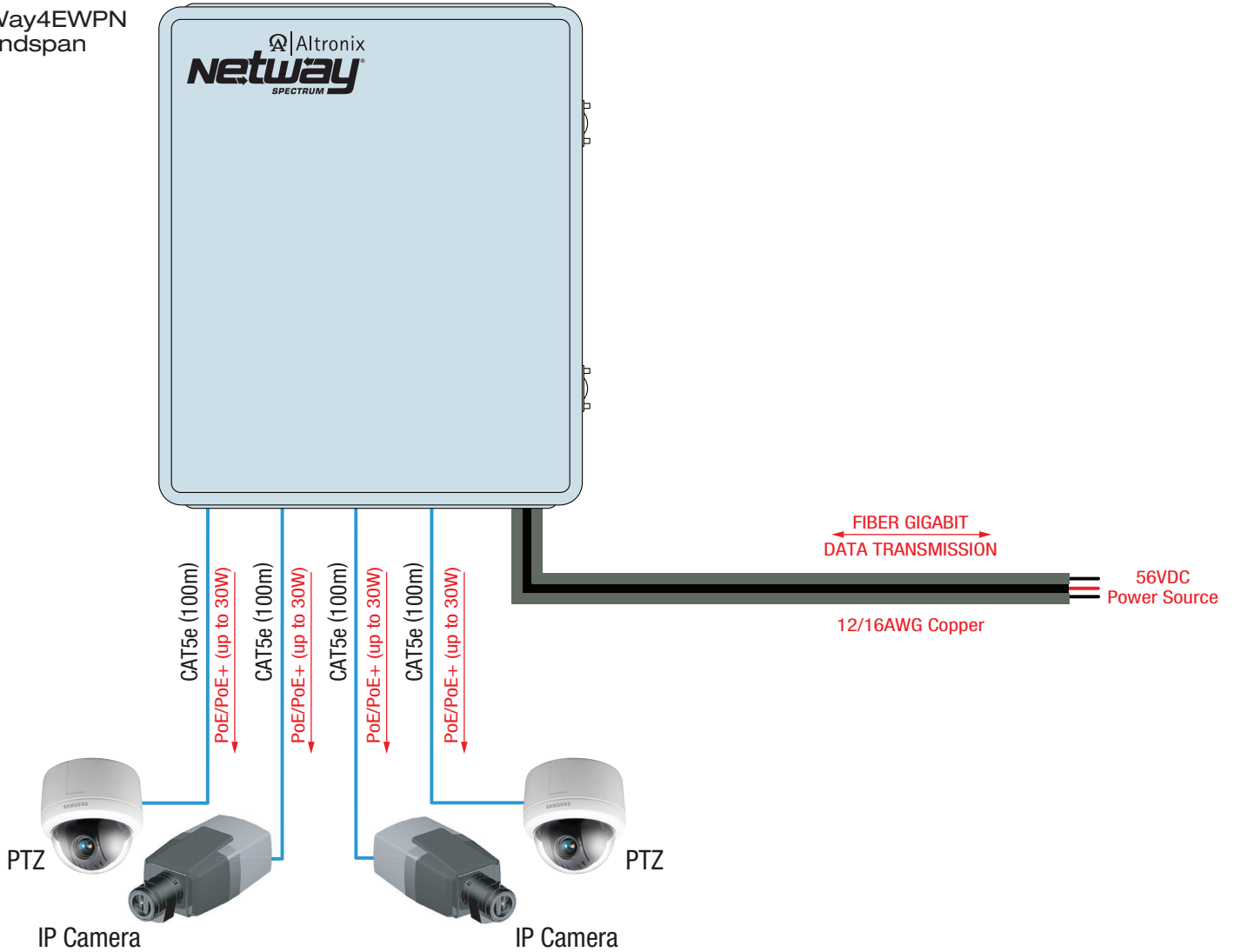- CE European Conformity
- Lifetime Warranty

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)

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Typical Application

NetWay4EWPN
Endspan

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CAT5e (100m)
PoE/PoE+ (up to 30W)

CAT5e (100m)
PoE/PoE+ (up to 30W)

CAT5e (100m)
PoE/PoE+ (up to 30W)

CAT5e (100m)
PoE/PoE+ (up to 30W)

FIBER GIGABIT
DATA TRANSMISSION

56VDC
Power Source

12/16AWG Copper

PTZ

IP Camera

PTZ

IP Camera

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Specifications

Input

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

Output

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

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)

Temperature
Operating (120W): – 40ºC to 75ºC (– 40ºF to 167ºF)
Storage: – 40ºC to 85ºC (– 40ºF to 185ºF)

Relative Humidity 85% +/– 5%

Operating Altitude: – 304.8 to 2,000m

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).
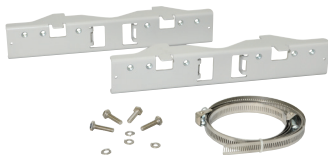
PoE Power Supplies

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.
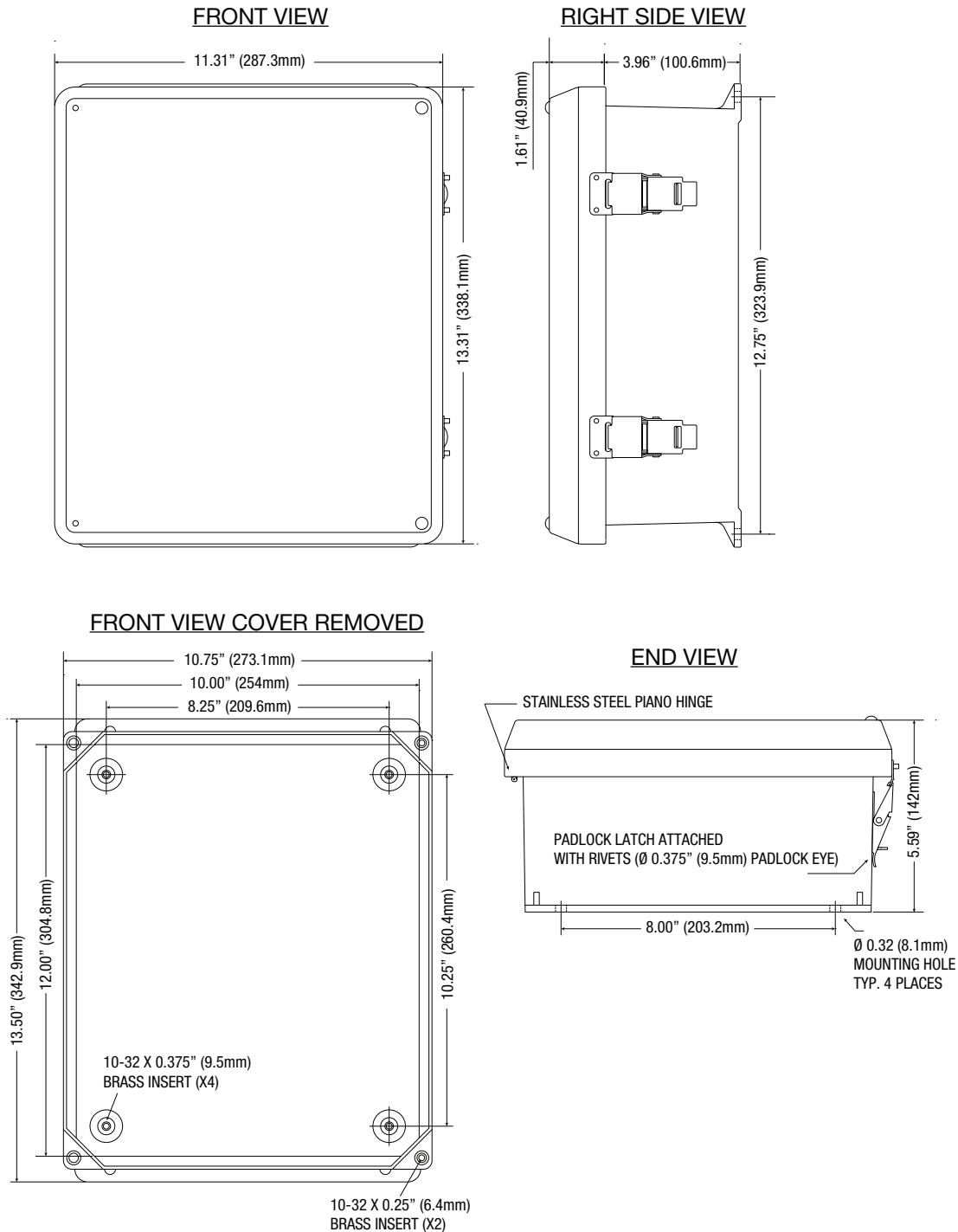
PMK1 - Pole Mount Kit

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

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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

11.31" (287.3mm)

13.31" (338.1mm)

RIGHT SIDE VIEW

3.96" (100.6mm)

1.61" (40.9mm)

12.75" (323.9mm)

FRONT VIEW COVER REMOVED

10.75" (273.1mm)
10.00" (254mm)
8.25" (209.6mm)

13.50" (342.9mm)
12.00" (304.8mm)

10.25" (260.4mm)

10-32 X 0.375" (9.5mm)
BRASS INSERT (X4)

10-32 X 0.25" (6.4mm)
BRASS INSERT (X2)

END VIEW

STAINLESS STEEL PIANO HINGE

5.59" (142mm)

PADLOCK LATCH ATTACHED
WITH RIVETS (Ø 0.375" (9.5mm) PADLOCK EYE)

8.00" (203.2mm)

Ø 0.32 (8.1mm)
MOUNTING HOLE
TYP. 4 PLACES