Altronix®

NetWaySP4PX

4-port Media Converter with Integral Power Supply/Charger
For Composite Fiber (Powered) Cable Application
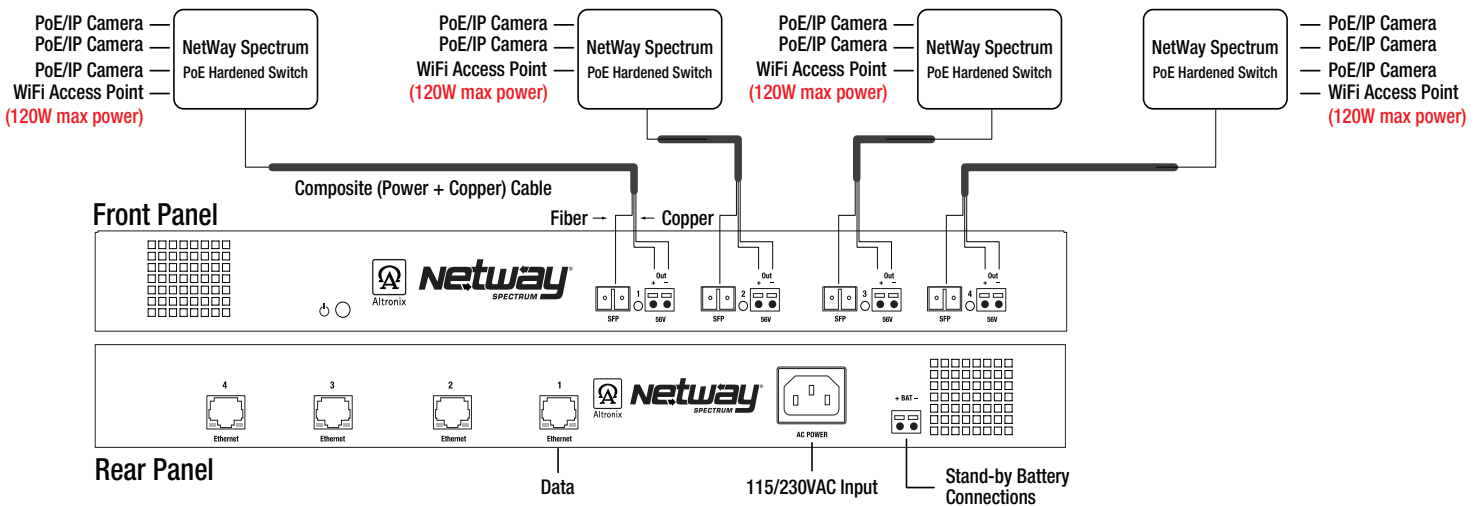
Netway SPECTRUM

Altronix NetWaySP4PX provides four (4) 1Gb SFP ports and four (4) power outputs (480W total power) to be transmitted over single, multi-mode fiber as well as composite cable (fiber + copper combined) to NetWay Spectrum PoE hardened switches.

(front)

NetWaySP4PX   *(rear)*

Key Features

- IEEE 802.3af, 802.3at and 802.3bt compliant
- Four (4) 1Gb SFP ports
- 120W max per port (480W total power)
- PoE activity and power LED indicators
- Built-in charger for sealed lead acid or gel type batteries
- Automatic switchover to stand-by battery when AC fails
- 1U rack mount chassis
- CE European Conformity

Typical Application

PoE/IP Camera — NetWay Spectrum PoE Hardened Switch
PoE/IP Camera —
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WiFi Access Point —
(120W max power)

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— PoE/IP Camera
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— WiFi Access Point
(120W max power)

Composite (Power + Copper) Cable

Front Panel

Fiber → ← Copper

Out 1 SFP 56V   Out 2 SFP 56V   Out 3 SFP 56V   Out 4 SFP 56V

Rear Panel

4 Ethernet   3 Ethernet   2 Ethernet   1 Ethernet   AC POWER   + BAT −

Data   115/230VAC Input   Stand-by Battery Connections

Compatible NetWay Spectrum Switches

NetWay4EWPN

NetWaySP1BTWPN	3-PoE (802.3bt) ports, single SFP port
NetWaySP3WPN	3-PoE ports, single SFP port
NetWay4EWPN	4-PoE ports, single SFP port
NetWay4E1WPN	4-PoE ports, single SFP port
NetWaySP4WPN	4-PoE ports, 2-SFP ports
NetWaySP4BTWPN	4-PoE (802.3bt) ports, 2-SFP ports
NetWaySP8WPN	8-PoE ports, 2-SFP ports

Specifications

Input
Voltage   115VAC, 60Hz, 5.5A or 230VAC, 50/60Hz, 3A (auto-ranging)

Output
Four (4) power outputs with 480W total power
120W max per output
IEEE 802.3af, 802.3at and 802.3bt compliant
Integral surge protection

SFP Ports:
Four (4) 1Gb SFP ports

Ethernet:
Four (4) Gigabit (1000Mbps) ports
Wire type: 4-pair CAT5e and higher
Connectivity: RJ45, auto-crossover
Speed: Gigabit (1000Mbps)
Distance: up to 100m

Indicators (LED)
Individual **Power** LEDs for each port
Individual **IP Link status, 10/100 Base-T/active** LEDs for each Ethernet port

Battery Charging
Type   Sealed lead acid or gel type
Failover   Upon AC loss, instantaneous
Batteries are sold separately

Agency Listings
CE   European Conformity

Physical and Environmental
Dimensions (W x L x H)
  Enclosure: 1.625" x 19.125" x 8.5"
              (41.3mm x 486mm x 216mm)
  Shipping: 20.25" x 12.5" x 5.5"
              (514.4mm x 317.5mm x 139.7mm)

Weight (approx.)
  Product: 3.81 lb. (1.72 kg)
  Shipping: 6.0 lb. (2.72 kg)

Temperature
  Operating (120W):   – 40ºC to 50ºC (– 40ºF to 122ºF)
  Storage: – 40ºC to 85ºC (– 40ºF to 185ºF)

Relative Humidity   85% +/– 5%
Operating Altitude   – 304.8 to 2,000m
BTU/Hr (approx.):   123 BTU/Hr.

Media Converter/Injectors

NetWaySP1BT   2-PoE (802.3bt) ports, single SFP port
NetWaySP1P   Single PoE port, single SFP port
NetWaySP2P   2-PoE ports, single SFP port

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

RE2 - Rack Mount Battery Enclosure
Accommodates up to four (4) 12VDC/7AH batteries

RE2

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Dimensions and Drawing

Dimensions (W x L x H approximate)
1.625" x 19.125" x 8.5" (41.3mm x 486mm x 216mm)

0.75" (19.1mm)

19.125" (485.8mm)

17.625" (447.7mm)

8.5" (215.9mm)

1.625" (41.3mm)