# Altronix

# Netway® SPECTRUM

## DEPLOY IP DEVICES IN REMOTE LOCATIONS
### WITH OR WITHOUT LOCAL POWER

# Altronix®

BACKED BY A LIFETIME WARRANTY

# NetWay® SPECTRUM

The NetWay Spectrum series by Altronix takes fiber and power to a new level. Indoor and outdoor models include hardened PoE switches and multi-port media converters with or without integral power. Units can be deployed with conventional single or multi-mode fiber... or hybrid cable which combines fiber with copper to simultaneously deliver power and data. NetWay Spectrum also features LINQ™ Network Management Technology to remotely monitor, control and report power/diagnostics from anywhere over the network. **Go further with NetWay Spectrum from Altronix.**

- NetWay Spectrum is the solution for deploying IP devices in remote locations with or without local power, utilizing fiber optic infrastructure.

- NetWay Spectrum is designed and manufactured for use in harsh environments at greater distances.

- NetWay Spectrum offers a series of hardened PoE switches with optimized Lithium Iron Phosphate (LiFePO4) battery backup.

- NetWay Spectrum comes in a wide range of models for indoor and outdoor applications.

- NetWay Spectrum hardened PoE switches, media converters and power supply/chargers are available pre-configured or separately, as subcomponents to customize your system.

- NetWay Spectrum features embedded **LINQ™ Network Management Technology** to remotely monitor, control and report power/diagnostics – streamlining service and maintenance operations by leveraging the network. A built-in timer can reset devices automatically on a schedule.

- NetWay Spectrum products are TAA compliant, NDAA compliant and backed by a Lifetime Warranty.
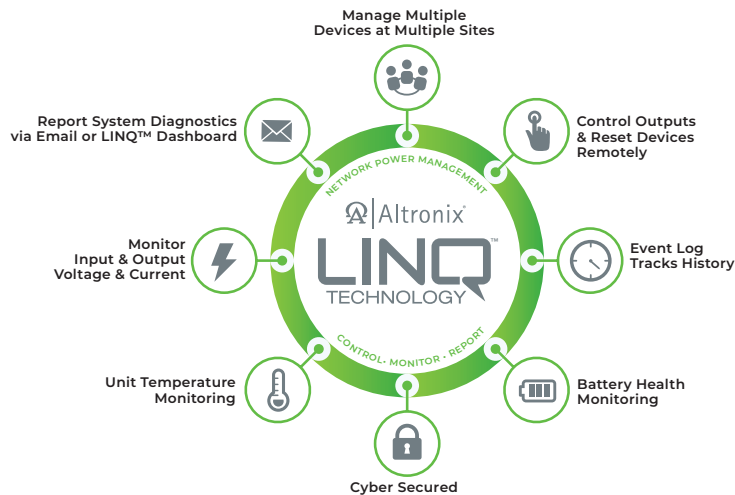
*Scan here
to view video*

# Altronix®

Merging infrastructure with emerging technology.™

# Netway
### SPECTRUM

## Configuration options

| Switch in NEMA 4/4X Small Outdoor Enclosure | Switch in NEMA 4/4X Outdoor Enclosure | Switch and Power Supply/Charger on Backplane | Switch and Power Supply/Charger in Outdoor Enclosure | Switch and Power Supply/Charger in Larger Outdoor Enclosure | Switch and Power Supply/Charger in Indoor Enclosure |
|---|---|---|---|---|---|
| Dimensions: 7.32"W x 9.5"H x 4.92"D | Dimensions: 13.31"H x 11.31"W x 5.59"D | Dimensions: 10.75"H x 8.875"W x 2.375"D | Dimensions: 13.31"H x 11.31"W x 5.59"D | Dimensions: 17.53"H x 15.3"W x 6.67"D | Dimensions: 13.5"H x 13"W x 3.25"D |



# LINQ
## Remote Network Power Management Technology



Manage Multiple Devices at Multiple Sites

Report System Diagnostics via Email or LINQ™ Dashboard

Control Outputs & Reset Devices Remotely

Monitor Input & Output Voltage & Current

Event Log Tracks History

Unit Temperature Monitoring

Battery Health Monitoring

Cyber Secured

**NETWORK POWER MANAGEMENT**
**CONTROL · MONITOR · REPORT**
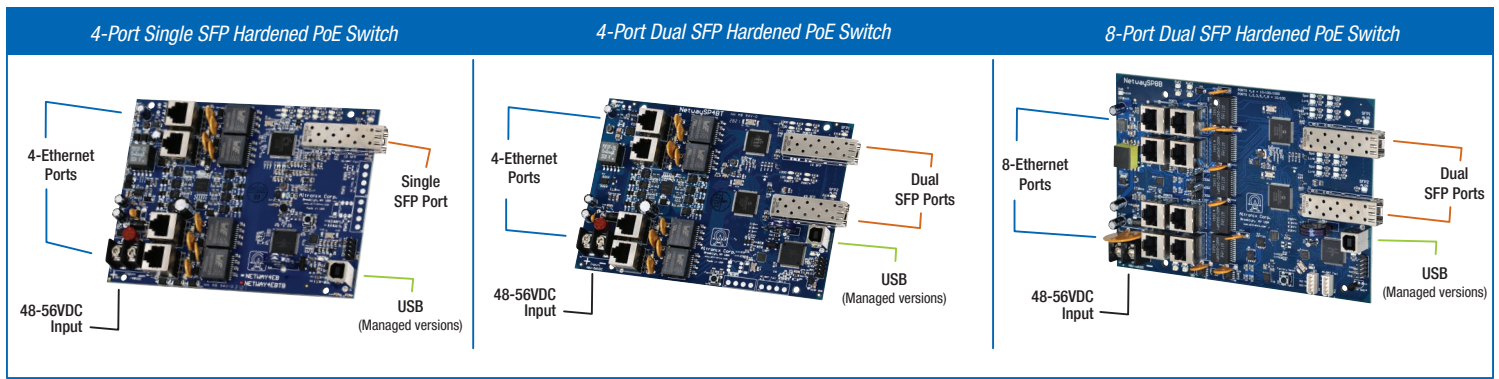Altronix LINQ™ TECHNOLOGY

**NetWay Spectrum features embedded LINQ™ Network Management Technology** to remotely monitor, control and report power/diagnostics – streamlining service and maintenance operations by leveraging the network. A built-in timer can reset devices automatically on a schedule. Stay alert, resolve issues, and control power from anywhere over the network.

- Eliminate truck rolls and increase RMR.
- Provides local and/or remote access to critical linformation via LAN/WAN.
- Report system diagnostics via **LINQ™ Dashboard** and/or email alert notification.
- Programmable voltage and current threshold.
- Control output and power supply via flexible timing parameters.
- Power cycle mode, Timer Scheduler, FACP override, Battery backup.
- Programmable time events.
- Third-party-certified cybersecurity.
- Individual password protected user levels.
- Manage and maintain security devices over multiple sites via **Altronix LINQ™ DashBoard.**
  Intuitive IP communication software solution to remotely monitor, report, and control any combination of individual or multiple groups of products across any number of locations and systems.
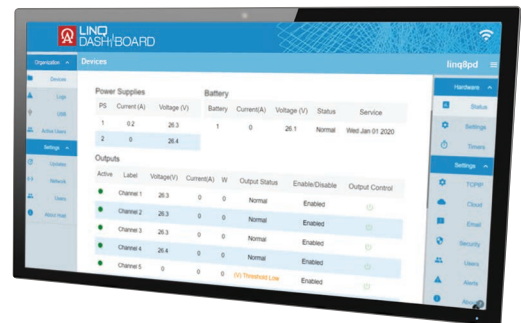
## Hardened PoE Switches, Single SFP (Board only)

| Model | SFP Port(s) | 10/100/1000 Ethernet ports | PoE ports | Layer 2 Managed with Embedded LINQ™ | Input: 48-56VDC |
|---|---|---|---|---|---|
| NetWay4EB | | | 4-Ports rated up to 30W (120W total power) | ✓ | |
| NetWay4EBTB | | | 4-Ports rated up to 90W (240W total power) | ✓ | |
| NetWay4E1B | 1 | 4 | 4-Ports rated up to 30W (120W total power) | —— | ✓ |
| NetWay4E1BTB | | | 4-Ports rated up to 90W (240W total power) | —— | |



*4-Port Single SFP Hardened PoE Switch*

4-Ethernet Ports
48-56VDC Input
Single SFP Port
USB (Managed versions)

*4-Port Dual SFP Hardened PoE Switch*

4-Ethernet Ports
48-56VDC Input
Dual SFP Ports
USB (Managed versions)

*8-Port Dual SFP Hardened PoE Switch*

8-Ethernet Ports
48-56VDC Input
Dual SFP Ports
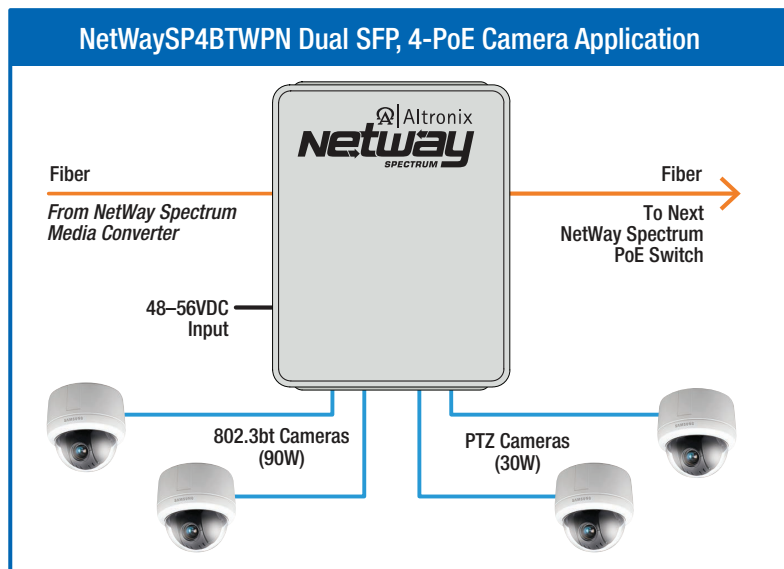USB (Managed versions)



## Hardened PoE Switches, Dual SFP (Board only)

| Model | SFP port(s) | 10/100 Ethernet ports | 10/100/1000 Ethernet ports | PoE ports | Layer 2 Managed with Embedded LINQ™ | Input: 48-56VDC |
|---|---|---|---|---|---|---|
| NetWaySP41B | | | 4 | 4-Ports rated up to 30W (120W total power) | —— | |
| NetWaySP41BTB | | —— | | 4-Ports rated up to 90W (240W total power) | —— | |
| NetWaySP4B | 2 | —— | 4 | 4-Ports rated up to 30W (120W total power) | | ✓ |
| NetWaySP4BTB | | —— | 4 | 4-Ports rated up to 90W (240W total power) | ✓ | |
| NetWaySP8B | | 2 | 6 | 8-Ports rated up to 30W or 2-Ports rated up to 60W (240W total power) | | |

## Hardened PoE Switches Mounted in Outdoor Enclosure (external power required)

| Model | Configuration | SFP port(s) | 10/100 Ethernet ports | 10/100/1000 Ethernet ports | PoE ports | Layer 2 Managed with Embedded LINQ™ | Input: 48-56VDC |
|-------|---------------|-------------|----------------------|---------------------------|-----------|-------------------------------------|-----------------|
| NetWay4E1WPN | NEMA4/4X Rated Outdoor Enclosure | 1 | —— | 4 | 4-Ports rated up to 30W (120W total power) | —— | ✓ |
| NetWay4E1BTWPN | | 1 | —— | 4 | 4-Ports rated up to 90W (240W total power) | | |
| NetWaySP41WPN | | 2 | —— | 4 | 4-Ports rated up to 30W (120W total power) | | |
| NetWaySP41BTWPN | | 2 | —— | 4 | 4-Ports rated up to 90W (240W total power) | | |
| NetWay4EWPN | | 1 | —— | 4 | 4-Ports rated up to 30W (120W total power) | ✓ | |
| NetWay4EBTWPN | | 1 | —— | 4 | 4-Ports rated up to 90W (240W total power) | | |
| NetWaySP4WPN | | 2 | —— | 4 | 4-Ports rated up to 30W (120W total power) | | |
| NetWaySP4BTWPN | | 2 | —— | 4 | 4-Ports rated up to 90W (240W total power) | | |
| NetWaySP8WPN | | 2 | 2 | 6 | 8-Ports rated up to 30W or 2-Ports rated up to 60W (120W total power) | | |



**NetWaySP4BTWPN Dual SFP, 4-PoE Camera Application**

Fiber
*From NetWay Spectrum Media Converter*

Fiber
**To Next NetWay Spectrum PoE Switch**

48–56VDC Input

802.3bt Cameras (90W)

PTZ Cameras (30W)

# NETWAY SPECTRUM

## Hardened PoE Switches (Single SFP) with Power Supply/Chargers in Enclosure

| Model | Configuration | SFP port(s) | 10/100/1000 Ethernet ports | PoE ports | Layer 2 Managed with Embedded LINQ™ | Input: 115/230VAC | Built-in Battery Charger | Enclosure Accommodates Batteries |
|---|---|---|---|---|---|---|---|---|
| NetWay4E1WP | Outdoor Enclosure | | | 4-Ports rated up to 30W (POE201 - 120W total power) | | | SLA or Gel | —— |
| NetWay4E1WPX | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWay4E1X | Indoor Enclosure | | | | | | | —— |
| NetWay4E1BTWP | Outdoor Enclosure | | | 4-Ports rated up to 90W (POE240 - 240W total power) | | | LiFePO4, SLA, or Gel | —— |
| NetWay4E1BTWPX | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWay4E1BTX | Indoor Enclosure | | | | | | | —— |
| NetWay4E1BTWP3 | Outdoor Enclosure | | | 4-Ports rated up to 90W (POE360 - 360W total power) | —— | | LiFePO4, SLA, or Gel | —— |
| NetWay4E1BTWPX3 | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWay4E1BTX3 | Indoor Enclosure | | | | | | | —— |
| NetWay4ELWPX | Outdoor Enclosure w/Battery Shelf | 1 | 4 | 4-Ports rated up to 30W (POE60 - 75W total power) | | ✓ | LiFePO4 | |
| NetWay4EWP | Outdoor Enclosure | | | 4-Ports rated up to 30W (POE201 - 120W total power) | | | SLA or Gel | —— |
| NetWay4EWPX | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWay4EX | Indoor Enclosure | | | | | | | —— |
| NetWay4EBTWP | Outdoor Enclosure | | | 4-Ports rated up to 90W (POE240 - 240W total power) | ✓ | | LiFePO4, SLA, or Gel | —— |
| NetWay4EBTWPX | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWay4EBTX | Indoor Enclosure | | | | | | | —— |
| NetWay4EBTWP3 | Outdoor Enclosure | | | 4-Ports rated up to 90W (POE360 - 360W total power) | | | LiFePO4, SLA, or Gel | —— |
| NetWay4EBTWPX3 | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWay4EBTX3 | Indoor Enclosure | | | | | | | —— |

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Lifetime Warranty
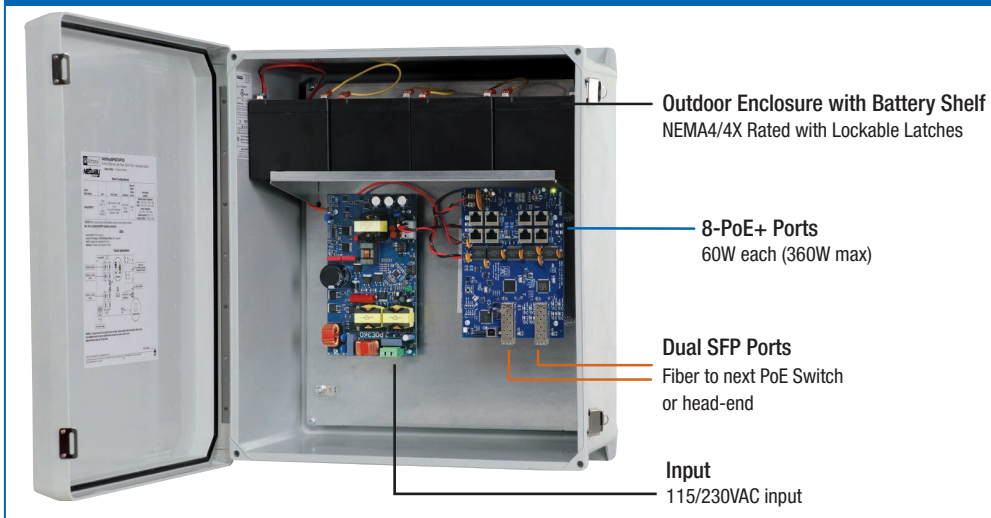
# NETWAY SPECTRUM

## Hardened PoE Switches (Dual SFP) with Power Supply/Chargers in Enclosure

| Model | Configuration | SFP port(s) | 10/100/1000 Ethernet ports | PoE ports | Layer 2 Managed with Embedded LINQ™ | Input: 115/230VAC | Built-in Battery Charger | Enclosure Accommodates Batteries |
|---|---|---|---|---|---|---|---|---|
| NetWaySP41WP | Outdoor Enclosure | 2 | 4 | 4-Ports rated up to 30W (POE201 - 120W total power) | —— | ✓ | SLA or Gel | —— |
| NetWaySP41WPX | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWaySP41X | Indoor Enclosure | | | | | | | —— |
| NetWaySP41BTWP | Outdoor Enclosure | | | 4-Ports rated up to 90W (802.3bt) (POE240 - 240W total power) | | | LiFePO4, SLA, or Gel | —— |
| NetWaySP41BTWPX | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWaySP41BTX | Indoor Enclosure | | | | | | | —— |
| NetWaySP41BTWP3 | Outdoor Enclosure | | | 4-Ports rated up to 90W (802.3bt) (POE360 - 360W total power) | | | SLA or Gel | —— |
| NetWaySP41BTWPX3 | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWaySP41BTX3 | Indoor Enclosure | | | | | | | —— |
| NetWaySP4WP | Outdoor Enclosure | | | 4-Ports rated up to 30W (POE201 - 120W total power) | ✓ | | SLA or Gel | —— |
| NetWaySP4WPX | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWaySP4X | Indoor Enclosure | | | | | | | —— |
| NetWaySP4LWPX | Outdoor Enclosure w/Battery Shelf | | | 4-Ports rated up to 30W (POE60 - 75W total power) | | | LiFePO4 | ✓ |
| NetWaySP4BTWP | Outdoor Enclosure | | | 4-Ports rated up to 90W (802.3bt) (POE240 - 240W total power) | | | LiFePO4, SLA, or Gel | —— |
| NetWaySP4BTWPX | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWaySP4BTX | Indoor Enclosure | | | | | | | —— |
| NetWaySP4BTWP3 | Outdoor Enclosure | | | 4-Ports rated up to 90W (802.3bt) (POE360 - 360W total power | | | SLA or Gel | —— |
| NetWaySP4BTWPX3 | Outdoor Enclosure w/Battery Shelf | | | | | | | ✓ |
| NetWaySP4BTX3 | Indoor Enclosure | | | | | | | —— |
| NetWaySP4TCW53 | Large Outdoor Enclosure (WP5) w/Battery Shelf | | | 4-Ports rated up to 90W (802.3bt) (POE360 - 360W total power | | | Includes rapid battery charger (EBC48) SLA or Gel | ✓ |

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# Netway SPECTRUM

## Hardened PoE Switches (Dual SFP) with Power Supply/Chargers in Enclosure

| Model | Configuration | SFP port(s) | 10/100 Ethernet ports | 10/100/1000 Ethernet ports | PoE ports | Layer 2 Managed with Embedded LINQ™ | Input: 115/230VAC | Built-in Battery Charger | Enclosure Accommodates Batteries |
|---|---|---|---|---|---|---|---|---|---|
| NetWaySP8WP | Outdoor Enclosure | | | | 8-Ports rated up to 30W or 2-Ports rated up to 60W (POE201 - 120W total power) | | | SLA or Gel | —— |
| NetWaySP8WPX | Outdoor Enclosure w/Battery Shelf | | | | | | | | ✓ |
| NetWaySP8X | Indoor Enclosure | | | | | | | | —— |
| NetWaySP8LWPX | Outdoor Enclosure w/Battery Shelf | | | | 8-Ports rated up to 30W or 1-Port rated up to 60W (POE60 - 75W total power) | | | LiFePO4 | ✓ |
| NetWaySP8WP2 | Outdoor Enclosure | | | | 8-Ports rated up to 60W (POE240 - 240W total power) | | | LiFePO4, SLA, or Gel | —— |
| NetWaySP8WPX2 | Outdoor Enclosure w/Battery Shelf | 2 | 2 | 6 | | ✓ | ✓ | | ✓ |
| NetWaySP8X2 | Indoor Enclosure | | | | | | | | —— |
| NetWaySP8WP3 | Outdoor Enclosure | | | | 8-Ports rated up to 60W (POE360 - 360W total power) | | | SLA or Gel | —— |
| NetWaySP8WPX3 | Outdoor Enclosure w/Battery Shelf | | | | | | | | ✓ |
| NetWaySP8X3 | Indoor Enclosure | | | | | | | | —— |
| NetWaySP8C3W5 | Large Outdoor Enclosure (WP5) w/Battery Shelf | | | | 8-Ports rated up to 60W (POE360 - 360W total power) | | | Includes rapid battery charger (EBC48) SLA or Gel | ✓ |



**NetWaySP8C3W5** - *Outdoor Hardened PoE+ Switch with Integral Power and Rapid Battery Charger*

**Outdoor Enclosure with Battery Shelf**
NEMA4/4X Rated with Lockable Latches

**8-PoE+ Ports**
60W each (360W max)

**Dual SFP Ports**
Fiber to next PoE Switch or head-end

**Input**
115/230VAC input

**Altronix®**

Lifetime Warranty

# NETWAY SPECTRUM

## Hardened PoE Switches (Single/Dual SFP) with Power Supply/Chargers on Backplane

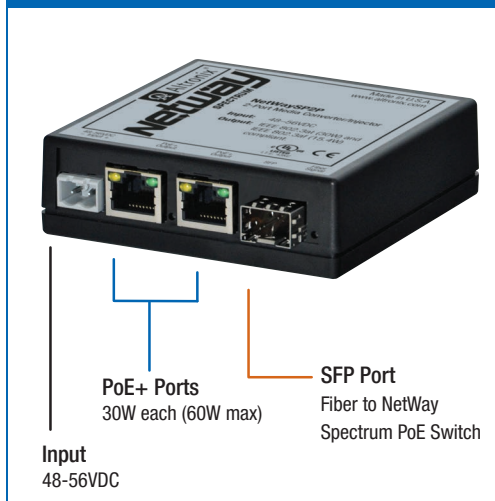| Model | Configuration | SFP port(s) | 10/100/1000 Ethernet ports | PoE ports | Layer 2 Managed with Embedded LINQ™ | Input: 115/230VAC | Built-in Battery Charger |
|---|---|---|---|---|---|---|---|
| NetWay4E1PL | | | | 4-Ports rated up to 30W (POE201 - 120W total power) | —— | | SLA or Gel |
| NetWay4E1BTPL | | | | 4-Ports rated up to 90W (POE240 - 240W total power) | —— | | LiFePO4, SLA, or Gel |
| NetWay4E1BTPL3 | | | | 4-Ports rated up to 90W (POE360- 360W total power) | —— | | SLA or Gell |
| NetWay4EPL | | 1 | 4 | 4-Ports rated up to 30W (POE201 - 120W total power) | ✓ | | SLA or Gel |
| NetWay4EBTPL | | | | 4-Ports rated up to 90W (POE240 - 240W total power) | ✓ | | LiFePO4, SLA, or Gel |
| NetWay4EBTPL3 | | | | 4-Ports rated up to 90W (POE360 - 360W total power) | ✓ | | SLA or Gel |
| NetWaySP41PL | | | 4 | 4-Ports rated up to 30W (POE201 - 120W total power) | —— | | SLA or Gel |
| NetWaySP41BTPL | Switch & Power Supply/Charger Mounted on Backplane *(No enclosure)* | | 4 | 4-Ports rated up to 90W (POE240 - 240W total power) | —— | ✓ | LiFePO4, SLA, or Gel |
| NetWaySP41BTPL3 | | | 4 | 4-Ports rated up to 90W (POE360 - 360W total power) | —— | | SLA or Gel |
| NetWaySP4PL | | | 4 | 4-Ports rated up to 30W (POE201 - 120W total power) | ✓ | | SLA or Gel |
| NetWaySP4BTPL | | 2 | 4 | 4-Ports rated up to 90W (POE240 - 240W total power) | ✓ | | LiFePO4, SLA, or Gel |
| NetWaySP4BTPL3 | | | 4 | 4-Ports rated up to 90W (POE360 - 360W total power) | ✓ | | SLA or Gel |
| NetWaySP8PL | | | 8 | 4-Ports rated up to 30W (POE201 - 120W total power) | ✓ | | SLA or Gel |
| NetWaySP8PL2 | | | 8 | 4-Ports rated up to 90W (POE240 - 240W total power | ✓ | | LiFePO4, SLA, or Gel |
| NetWaySP8PL3 | | | 8 | 4-Ports rated up to 90W (POE360 - 360W total power) | ✓ | | SLA or Gel |

# NetWay SPECTRUM

## Media Converters

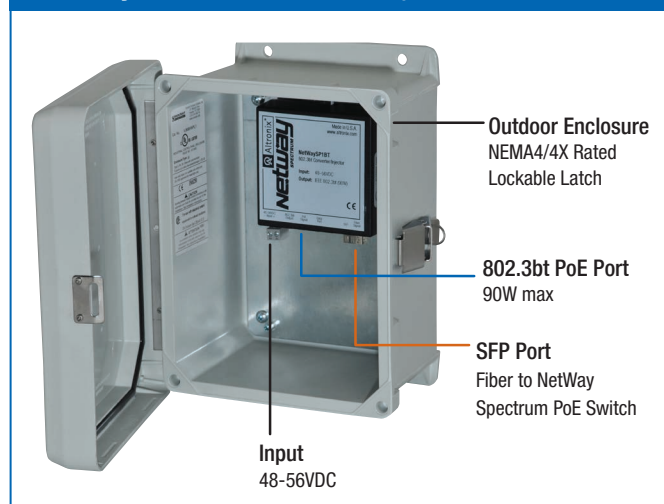| Model | Configuration | SFP port(s) | 10/100/1000 Ethernet ports | PoE Ports | Class 2 power limited Outputs | 56VDC Power Output | Integral Power Supply/Charger | Power Input | Built-in Battery Charger |
|-------|---------------|-------------|----------------------------|-----------|-------------------------------|--------------------|-------------------------------|-------------|--------------------------|
| NetWaySP4 | 1U Rack Mount | 4 | 4 | Supports up to 60W max per port | ‒‒‒ | ✓ | ‒‒‒ | 48-56VDC or PoE+ (30W) / Hi-PoE (60W) | ‒‒‒ |
| NetWaySP4P | 1U Rack Mount | 4 | 4 | 120W max per port (240W total power) | ‒‒‒ | ✓ | ✓ | 115/230VAC | ✓ |
| NetWaySP4P2 | 1U Rack Mount | 4 | 4 | 60W max per port (240W total power) | ✓ | ✓ | ✓ | 115/230VAC | ✓ |
| NetWaySP4PX | 1U Rack Mount | 4 | 4 | 120W max per port (480W total power) | ‒‒‒ | ✓ | ✓ | 115/230VAC | ✓ |
| NetWaySP1BT | Modular Case (DIN Rail Mountable) | 1 | 1 | 90W max | ‒‒‒ | ‒‒‒ | ‒‒‒ | 48VDC to 56VDC | ‒‒‒ |
| NetWaySP1P | Modular Case (DIN Rail Mountable) | 1 | 1 | 30W max | ‒‒‒ | ‒‒‒ | ‒‒‒ | 48VDC to 56VDC | ‒‒‒ |
| NetWaySP2P | Modular Case (DIN Rail Mountable) | 1 | 2 | 30W max per port | ‒‒‒ | ‒‒‒ | ‒‒‒ | 48VDC to 56VDC | ‒‒‒ |
| NetWaySP1H | Modular Metal Case (DIN Rail Mountable) | 1 | 1 | 90W max | ‒‒‒ | ✓ | ‒‒‒ | 115/230VAC | ‒‒‒ |
| NetWaySP1A | Modular Case (DIN Rail Mountable) | 1 | 1 | N/A | ‒‒‒ | ‒‒‒ | ‒‒‒ | PoE (Class 1) | ‒‒‒ |
| NetWaySP8A | 1U Rack Mount | 8 | 8 | N/A | ‒‒‒ | ‒‒‒ | ‒‒‒ | 115/230VAC | ‒‒‒ |
| NetWaySP16A | 1U Rack Mount | 16 | 16 | N/A | ‒‒‒ | ‒‒‒ | ‒‒‒ | 115/230VAC | ‒‒‒ |

## NetWay SPECTRUM

## Media Converters in Outdoor Enclosure

| Model | Configuration | SFP port(s) | 10/100/1000 Ethernet ports | PoE ports | Input: 48-56VDC |
|-------|---------------|-------------|----------------------------|-----------|-----------------|
| NetWaySP1BTWPN | Outdoor Enclosure | 1 | 1 | Single Port (802.3bt) rated up to 90W | ✓ |
| NetWaySP2PWPN | Outdoor Enclosure | 1 | 2 | 2-Ports rated up to 30W | ✓ |



**NetWaySP2P** - *3-Port Media Converter/Switch*

PoE+ Ports
30W each (60W max)

SFP Port
Fiber to NetWay Spectrum PoE Switch

Input
48-56VDC



**NetWaySP1BTWPN** - *Outdoor Single Port Media Converter*

Outdoor Enclosure
NEMA4/4X Rated
Lockable Latch

802.3bt PoE Port
90W max

SFP Port
Fiber to NetWay Spectrum PoE Switch

Input
48-56VDC

Altronix®

Lifetime Warranty
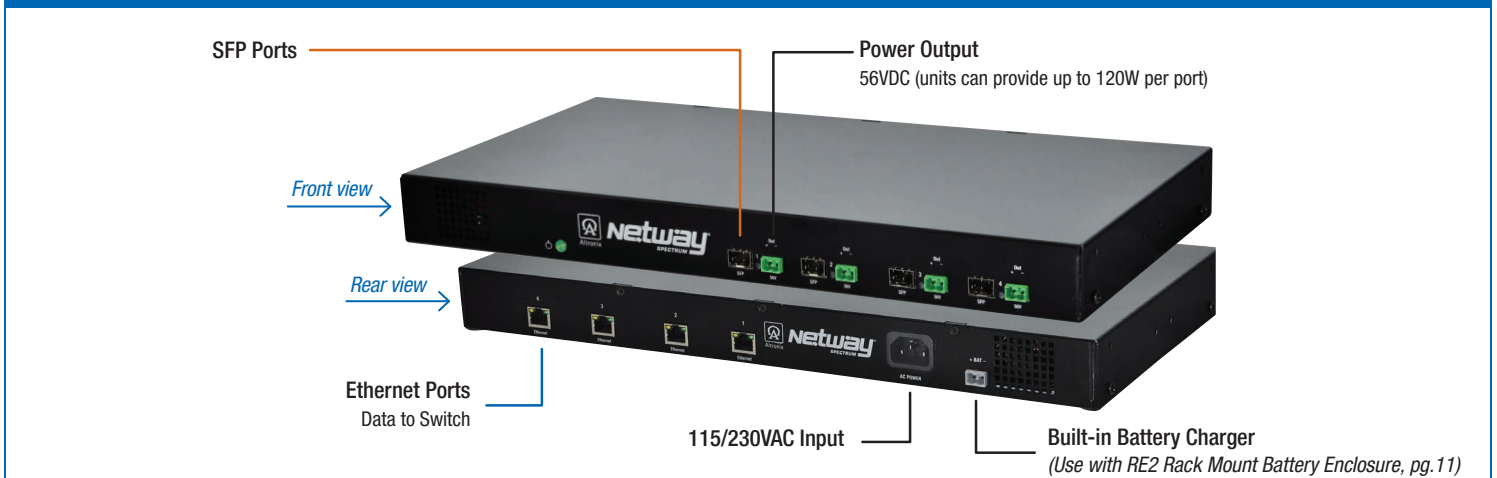
# Netway SPECTRUM

## Media Converters with Power Supply/Chargers in Outdoor Enclosure

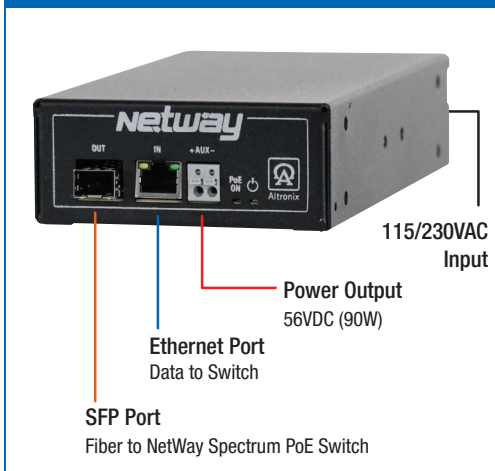| Model | Configuration | SFP port(s) | 10/100/1000 Ethernet ports | PoE ports | Input: 115/230VAC | Built-in Battery Charger | Enclosure Accommodates Batteries |
|-------|---------------|-------------|----------------------------|-----------|-------------------|--------------------------|----------------------------------|
| NetWaySP1BTWP | Outdoor Enclosure | 1 | 1 | Single Port (802.3bt) rated up to 90W | ✓ | ✓ | —— |
| NetWaySP1BTWPX | Outdoor Enclosure w/Battery Shelf | | | | | | ✓ |
| NetWaySP2PWP | Outdoor Enclosure | | 2 | 2-Ports rated up to 30W | | | —— |
| NetWaySP2PWPX | Outdoor Enclosure w/Battery Shelf | | | | | | ✓ |

# Netway SPECTRUM

## Ethernet to Fiber Media Converters

### NetWaySP4P / NetWaySP4P2 / NetWaySP4PX - *4-Port Media Converters with Integral Power/Charger*



SFP Ports

Power Output
56VDC (units can provide up to 120W per port)

Front view

Rear view

Ethernet Ports
Data to Switch

115/230VAC Input

Built-in Battery Charger
*(Use with RE2 Rack Mount Battery Enclosure, pg.11)*

### NetWaySP1H - *Single Port Powered Media Converter*



115/230VAC Input

Power Output
56VDC (90W)

Ethernet Port
Data to Switch

SFP Port
Fiber to NetWay Spectrum PoE Switch

### NetWaySP8A - *8-Port Media Converter (16-Port version available)*



SFP Ports
Fiber to NetWay Spectrum PoE Switch

Front view

Rear view

Ethernet Ports
Data to Switch

115/230VAC Input
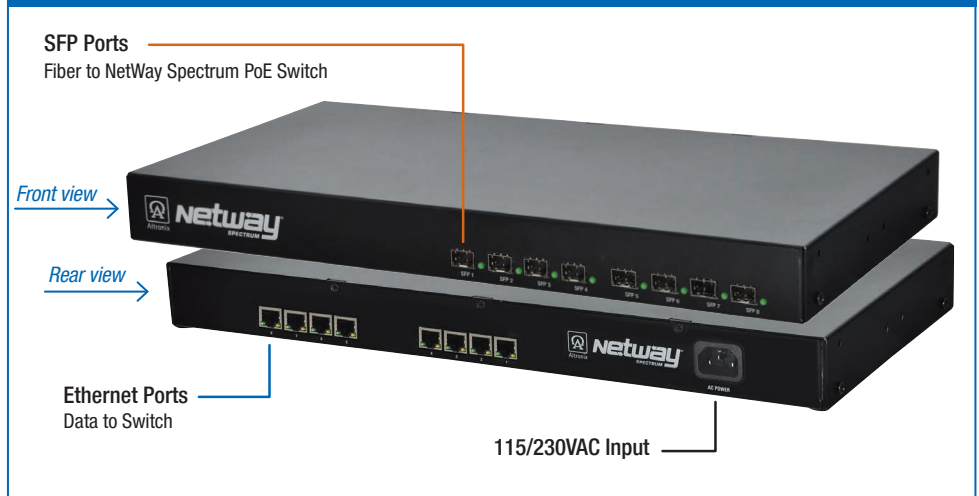
## NetWaySP4PX Application Generating Power from the Head-End to Remote NetWay Spectrum PoE Switch

**Netway** SPECTRUM

PoE Switch

**Hybrid Cable**
(Fiber + Copper combined)

Fiber          Copper

**NetWaySP4PX- Front Panel**

Altronix **Netway** SPECTRUM

| Out + − | Out + − | Out + − | Out + − |
| 1 | 2 | 3 | 4 |
| SFP  56V | SFP  56V | SFP  56V | SFP  56V |

**NetWaySP4PX - Rear Panel**

| 4 | 3 | 2 | 1 | Altronix **Netway** SPECTRUM | AC POWER | + BAT − |
| Ethernet | Ethernet | Ethernet | Ethernet |

To Network Switch

115/230VAC Input

Stand-by Batteries

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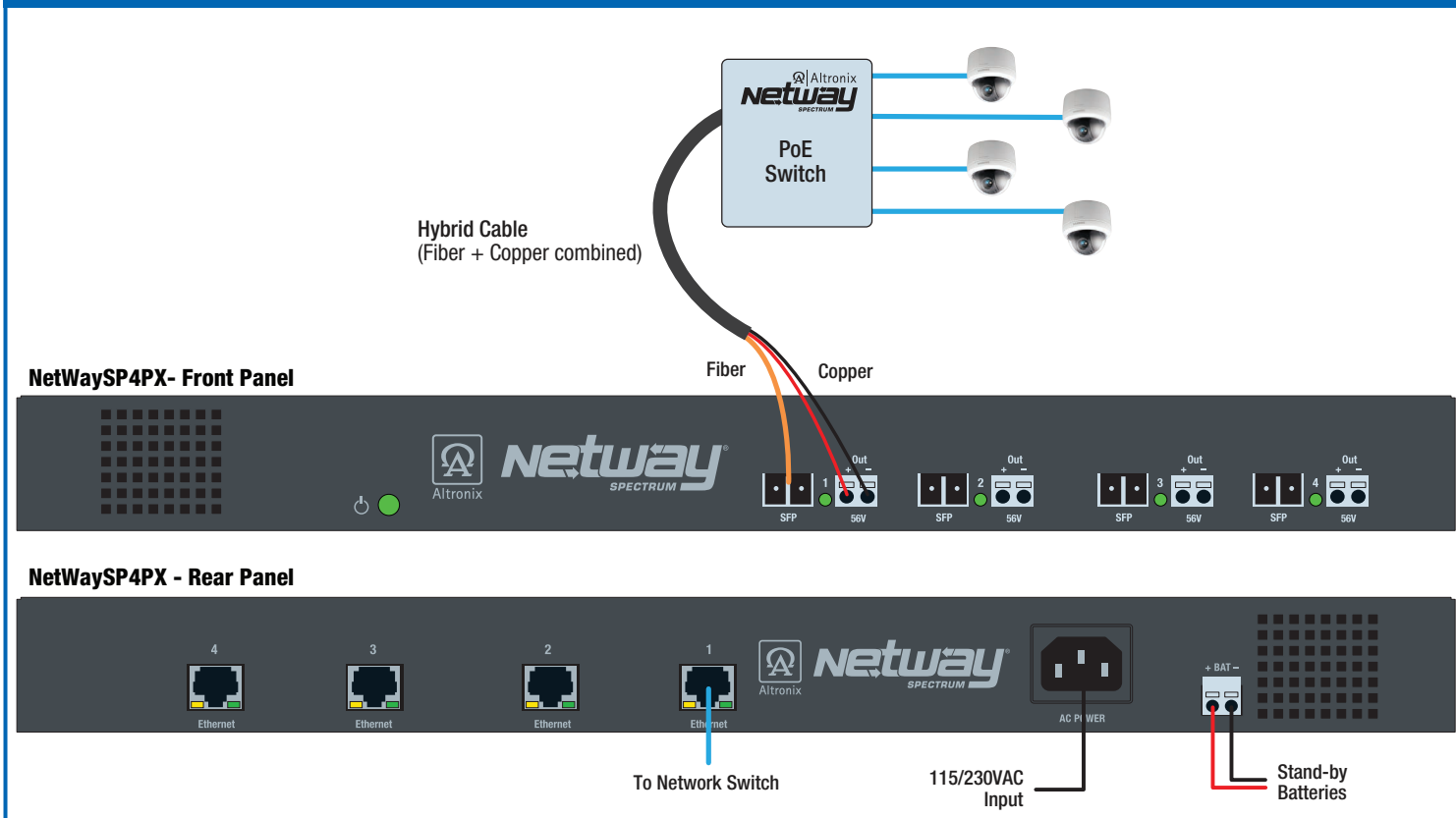
## NetWaySP8A Application Utilizing Local Power at Remote NetWay Spectrum PoE Switches

Altronix **Netway** SPECTRUM

PoE Switch

115/230VAC Input

Altronix **Netway** SPECTRUM

PoE Switch

Fiber

115/230VAC Input

Fiber

**NetWaySP8A - Front Panel**

Altronix **Netway** SPECTRUM

| SFP 1 | SFP 2 | SFP 3 | SFP 4 | SFP 5 | SFP 6 | SFP 7 | SFP 8 |

**NetWaySP8A - Rear Panel**

| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | Altronix **Netway** SPECTRUM | AC POWER |

To Network Switch

115/230VAC Input

Altronix®

Lifetime Warranty

| Model | | Description | Input | Total Output Power | Built-in Battery Charger | Dimensions (LxWxH) |
|---|---|---|---|---|---|---|
| POE60 | | Single Output Power Supply/Charger | 115/ 230VAC | 56VDC / 75W | Charges LiFePO4 Batteries | 4" x 7.19" x 2" (board only) |
| POE201 | | | | 56VDC / 120W | Charges SLA or Gel | 4" x 7" x 1.375" (board only) |
| POE240 | | | | 56VDC / 240W | Charges LiFePO4, SLA, or Gel | 4.5" x 7.75" x 1.375" (board only) |
| POE360 | | | | 54VDC / 360W | Charges SLA or Gel | 4.5" x 7.75" x 1.375" (board only) |

## Accessories for NetWay Spectrum

| Model | Description |
|---|---|
| BTL125 | Rechargeable Lithium Iron Phosphate (LiFePO4 ) battery provides optimal backup. Smart technology - low power disconnect, 10 years shelf life, Up to 5,000 duty cycles and Environmentally friendly. |
| EBC48 | External Rapid Battery Charger (48VDC) charges 40aH or larger batteries in under 8 hours. Used with POE240/POE360 power supplies. |
| PMK1 | Pole Mount Kit fits WP1, WP3 & WP4 Altronix Outdoor Enclosures (accommodates 2"- 8" dia. or 5" square poles) |
| PMK2 | Pole Mount Kit fits WP2 Altronix Outdoor Enclosures (accommodates 2"- 8" dia. or 5" square poles) |
| RE2 | Rack Mount Battery Enclosure (2U) accommodates four (4) 12VDC/7AH batteries. |
| P1SM10 | Single-mode SFP module (up to 20km). P1SM102PK: 2 pack of P1SM10 |
| P1MM | Multi-mode SFP module (up to 550m). P1MM2PK: 2 pack of P1MM |
| P1MM2PK | Single strand SFP modules (up to 2km). 2 pack |
| P1GCE | Copper SFP module (up to 100m). |
| VENT2 | Pair of air vents to ensure efficient air circulation and prevent water condensation. Includes template and mounting screws. |

# NETWAY®

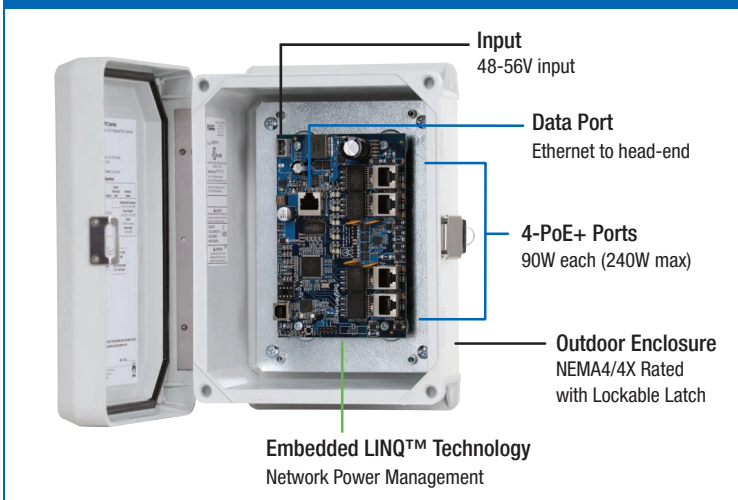## Hardened PoE Switches Mounted in Outdoor Enclosure (external power required)

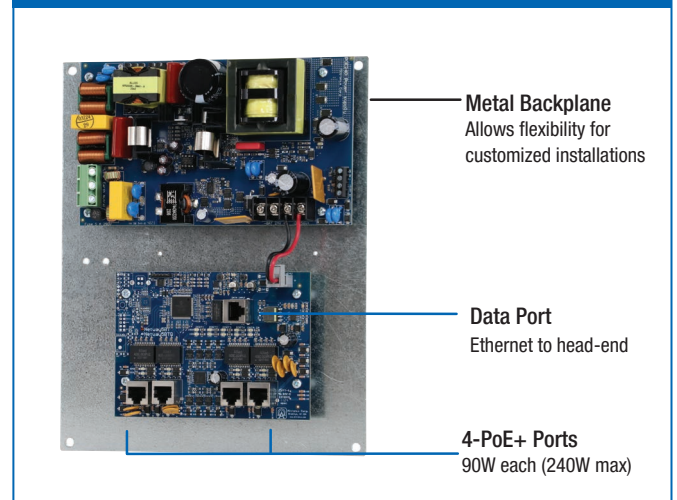| Model | Configuration | Ethernet Data port | PoE ports (10/100/1000) | Embedded LINQ™ Power Management | Input |
|-------|---------------|--------------------|-----------------------------|--------------------------------|-------|
| NetWay5BTWPN | NEMA4/4X Rated Outdoor Enclosure | 1 | 4-Ports rated up to 90W (240W total power) | —— | 48-56VDC |
| NetWay5PWPN | | | 4-Ports rated up to 30W (120W total power) | | 12/24VDC |
| NetWay5BTQWPN | | 1 | 4-Ports rated up to 90W (240W total power) | ✓ | 48-56VDC |
| NetWay5PQWPN | | | 4-Ports rated up to 30W (120W total power) | | 12/24VDC |

## NETWAY®

## Hardened PoE Switches with Power Supply/Chargers on Backplane

| Model | Configuration | Ethernet Data port | PoE ports (10/100/1000) | Embedded LINQ™ Power Management | Input |
|-------|---------------|--------------------|-----------------------------|--------------------------------|-------|
| NetWay5BTPL | NEMA4/4X Rated Outdoor Enclosure | 1 | 4-Ports rated up to 90W (240W total power) | —— | 115/230VAC Input |
| NetWay5BTQPL | | | | ✓ | |

**NetWay5PQWP** - *Outdoor Hardened PoE+ Switch with Network Managment*



**Input**
48-56V input

**Data Port**
Ethernet to head-end

**4-PoE+ Ports**
90W each (240W max)

**Outdoor Enclosure**
NEMA4/4X Rated
with Lockable Latch

**Embedded LINQ™ Technology**
Network Power Management

**NetWay5BTPL** - *PoE+ Switch with Integral Power on Backplane*



**Metal Backplane**
Allows flexibility for
customized installations

**Data Port**
Ethernet to head-end

**4-PoE+ Ports**
90W each (240W max)
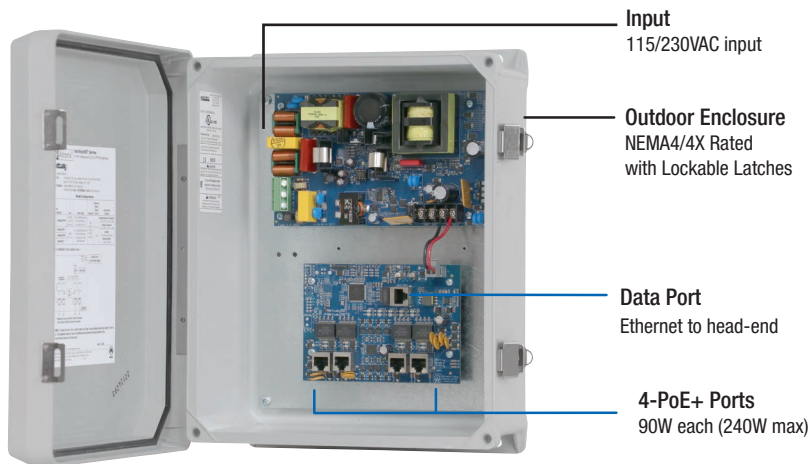
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# NETWAY®

**Hardened PoE Switches with Power Supply/Chargers in Enclosure**

| Model | Configuration | Ethernet Data port | PoE ports (10/100/1000) | Embedded LINQ™ Power Management | Input 115/230VAC | Built-in Battery Charger | Enclosure Accommodates Batteries |
|---|---|---|---|---|---|---|---|
| NetWay5BTWP | NEMA4/4X Rated Outdoor Enclosure | 1 | 4-Ports rated up to 90W (240W total power) | —— | ✓ | Charges LiFePO4, SLA, or Gell | —— |
| NetWay5BTWPX | Outdoor Enclosure w/Battery Shelf | | | | | | ✓ |
| NetWay5BTX | Indoor Enclosure | | | | | | —— |
| NetWay5PWP | NEMA4/4X Rated Outdoor Enclosure | | 4-Ports rated up to 30W (120W total power) | | | | —— |
| NetWay5PWPX | Outdoor Enclosure w/Battery Shelf | | | | | | ✓ |
| NetWay5PX | Indoor Enclosure | | | | | | —— |
| NetWay5BTQWP | NEMA4/4X Rated Outdoor Enclosure | 1 | 4-Ports rated up to 90W (240W total power) | ✓ | ✓ | Charges LiFePO4, SLA, or Gell | —— |
| NetWay5BTQWPX | Outdoor Enclosure w/Battery Shelf | | | | | | ✓ |
| NetWay5BTQX | Indoor Enclosure | | | | | | —— |
| NetWay5PQWP | NEMA4/4X Rated Outdoor Enclosure | | 4-Ports rated up to 30W (120W total power) | | | | —— |
| NetWay5PQWPX | Outdoor Enclosure w/Battery Shelf | | | | | | ✓ |
| NetWay5PQX | Indoor Enclosure | | | | | | —— |

**NetWay5BTWP** - *Outdoor Hardened PoE+ Switch with Integral Power*



**Input**
115/230VAC input

**Outdoor Enclosure**
NEMA4/4X Rated
with Lockable Latches

**Data Port**
Ethernet to head-end

**4-PoE+ Ports**
90W each (240W max)

PROTECTING CRITICAL INFRASTRUCTURE
OVER LONGER DISTANCES.

# Altronix®  BACKED BY A LIFETIME WARRANTY