Netway

Power over the Ethernet

NetWay30P Series

PoE+ Adapter/Converters

Models Include:

NetWay3012P

- Converts 802.3at (25W) to simultaneous 12VDC/2A and PoE (30W total power)

NetWay3012PX

- Converts 802.3bt to simultaneous 12VDC/2A and PoE (60W total power)

NetWay3024P

- Converts 802.3at (25W) to simultaneous 24VDC/1A and PoE (30W total power)

NetWay3024PX

- Converts 802.3bt to simultaneous 24VDC/1A and PoE (60W total power)

Installation Guide

CE

Altronix®

Rev. 013125

More than just power.™

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Overview:

Altronix Netway30P adapters convert 802.3at or 802.3bt to simultaneous 12 or 24VDC and 802.3at PoE+ (25W) outputs for applications including PoE cameras and external microphones, control boards, switching equipment, and more.

Specifications:

Agency Listings:

- **CE** European Conformity.

Functions:

- 12VDC or 24VDC adapter for non-PoE compliant IP devices.
- PoE+ Input Mode "A / B" compliant.
- Passes PoE+ Mode "B" and converts PoE to 12VDC or 24VDC.
- Speed: 10/100 Mbps.

Additional Features:

- Power and PoE LED indicators.
- Compact insulated housing.
- Plug-and-play installation.

Physical and Environmental:

Dimensions (W x L x H):
3.8" x 2.5" x 1" (96.52mm x 63.5mm x 25.4mm).

- **Weight (approx.):**
  Product weight: 0.2 lb. (0.1 kg).
  Shipping weight: 0.3 lb. (0.14 kg).
- **Temperature:**
  Operating: – 20ºC to 70ºC (– 4ºF to 158ºF).
  Storage: – 40ºC to 70ºC (– 40º to 158ºF).

Relative Humidity: 85% +/– 5%.
Operating Altitude: – 304.8 to 3,048m.

Input/Output Table:

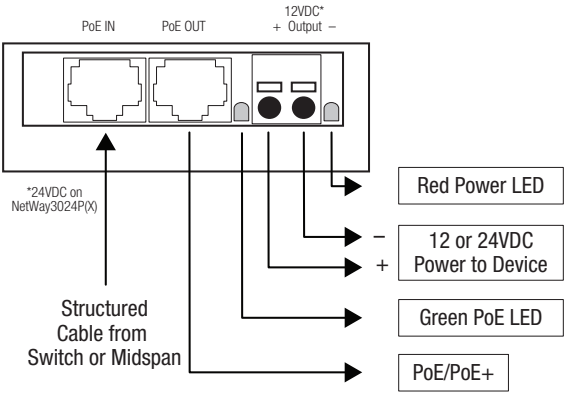
Altronix Model Number	Input	Output
NetWay3012P	802.3at PoE+ (25W)	12VDC/2A and PoE (30W total power)
NetWay3024P		24VDC/1A and PoE (30W total power)
NetWay3012PX	802.3bt 4PPoE (90W)	12VDC/2A and PoE (60W total power)
NetWay3024PX		24VDC/1A and PoE (60W total power)

Installation Instructions:

NetWay30P adapters are compatible with PoE+ switches or midspans.
The unit is not intended to be connected to outside plant leads.

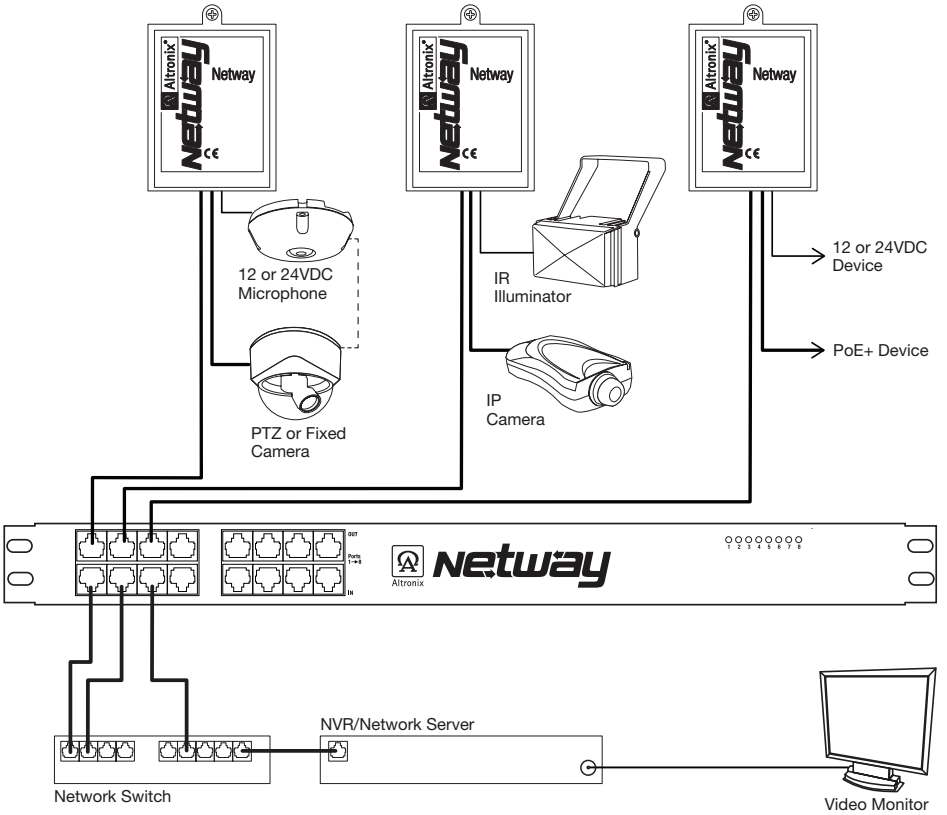
1. Mount NetWay30P in proximity to IP device utilizing mounting hole *(Fig. 1, pg. 2)*.
   Use a proper fastener and/or wall anchor when securing NetWay30P to the wall.
2. Connect structured cable from port marked [PoE IN] on NetWay30P to ports marked [OUT] of midspan or switch *(Fig. 2, pg. 3)*.
3. Connect structured cable from port marked [PoE OUT] on NetWay30P to the IP device *(Fig. 1, pg. 2)*.
4. Connect 12VDC or 24VDC output from NetWay30P terminals marked [+ 12VDC Output –] or [+ 24VDC Output –] to the power input of the IP device *(Fig. 1, pg. 2)*. Polarity must be observed.
5. Power LED indicator will illuminate on NetWay30P under normal conditions *(Fig. 1, pg. 2)*.

Fig. 1



Typical Application:

Fig. 2



Power Sourcing Equipment:

NetWay30P adapters are compatible with the following Altronix PoE+ switches or midspans:

Netway1X	Single port midspan injector, 30W.
Netway1D	Single port midspan injector, 60W.
NetWay8, NetWay16	8 or 16 port midspan, 30W max per port.
NetWay8M, NetWay16M	Managed 8 or 16 port midspan, 30W max per port.
NetWayBT Series	Network Managed 802.3bt 4PPoE Midspans, 90W max per port.
NetWayG Series	Network Managed PoE Midspans, 8 Port, 30W max per port.
NetWay4E Series	4 Port PoE Switches, 120W total power, one 1Gb SFP port.
NetWaySP3 Series	3 Port PoE Switches, 120W total power, one 1Gb SFP port.
NetWaySP4 Series	4 Port PoE Switches, 120W total power, two 1Gb SFP ports.
NetWaySP8 Series	8 Port PoE Switches, 120W total power, two 1Gb SFP ports.
NetWaySP4BT Series	4-port Hardened 802.3bt 4PPoE Switches, 180W total power, two 1Gb SFP ports.