Netway

NetWay3012P
PoE+ Adapter/Converter

Installation Guide

C (UL) US
LISTED
I.T.E. 43KC

CE

A Altronix®

More than just power.™

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Overview:

Altronix Netway3012P adapter passes PoE/PoE+ and converts PoE up to 24W to 12VDC up to 2A.

Specifications:

Agency Listings:
- **UL 60950-1**   Information Technology Equipment.
- **CE**   European Conformity.

Functions:
- 12VDC up to 2A (24W) adapter for non-PoE compliant IP devices.
- PoE+ Mode "A / B" compliant.
- Total combined power 30W.
- Passes PoE+ and converts PoE to 12VDC.
- Speed: 10/100 Mbps.

Additional Features:
- Power LED indicator.
- 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:	0ºC to 50ºC (32ºF to 122ºF).
Storage:	– 40ºC to 70ºC (– 40º to 158ºF).

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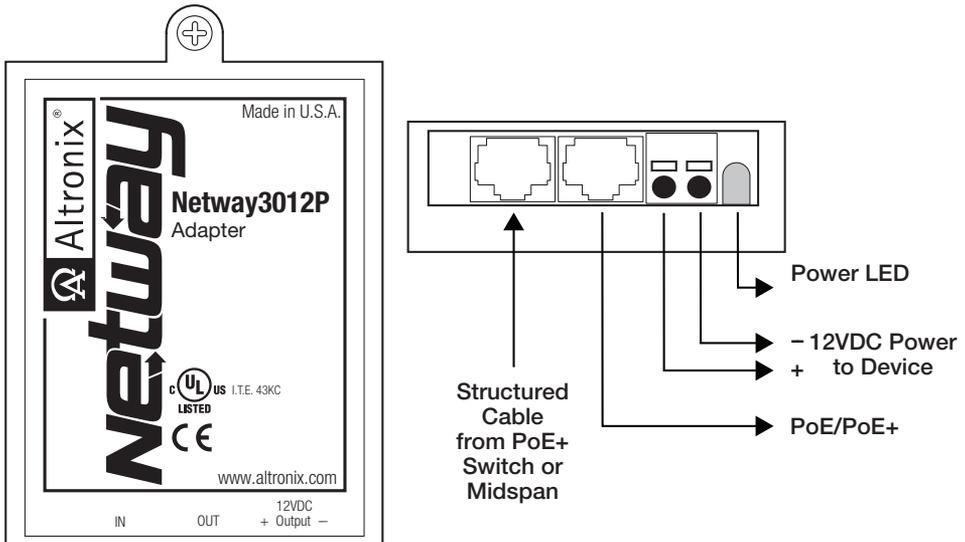 **Operating Altitude:**   – 304.8 to 3,048m.

Installation Instructions:

NetWay3012P is compatible with PoE+ switches or midspans.
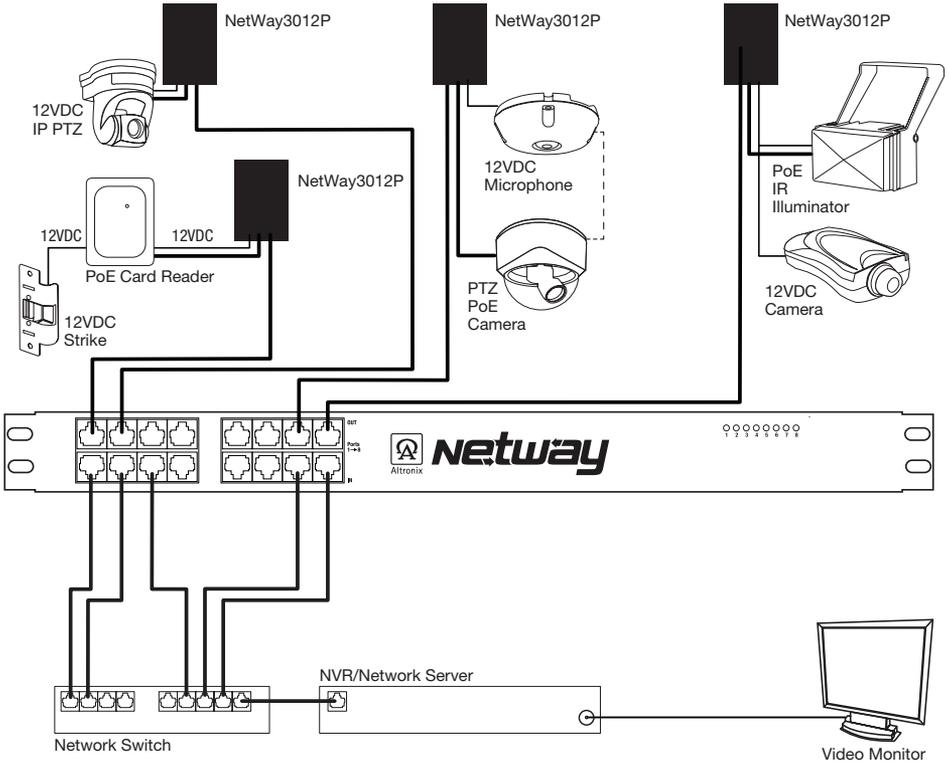The unit is not intended to be connected to outside plant leads.
1. Mount NetWay3012P in proximity to IP device utilizing mounting hole *(Fig. 1, pg. 2)*.
   Use a proper fastener and/or wall anchor when securing NetWay3012P to the wall.
2. Connect structured cable from port marked [IN] on NetWay3012P to ports marked [OUT] of midspan or switch *(Fig. 2, pg. 3)*.
3. Connect structured cable from port marked [OUT] on NetWay3012P to the IP device *(Fig. 1, pg. 2)*.
4. Connect 12VDC output from NetWay3012P terminals marked [+ 12VDC –] to the power input of the IP device *(Fig. 1, pg. 2)*. Polarity must be observed.
5. Power LED indicator will illuminate on NetWay3012P under normal conditions *(Fig. 1, pg. 2)*.

Fig. 1

Typical Application:

Fig. 2

12VDC
IP PTZ

NetWay3012P

NetWay3012P

NetWay3012P

12VDC
Microphone

PoE
IR
Illuminator

NetWay3012P

PoE Card Reader

12VDC   12VDC

12VDC
Strike

PTZ
PoE
Camera

12VDC
Camera

Altronix NETWAY

OUT

Ports

Network Switch

NVR/Network Server

Video Monitor

Power Sourcing Equipment:

NetWay3012P is 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.

MEMBER