NetWay1P - Single Port PoE Injector for Standard Network Infrastructure

Overview

NetWay1P

NetWay1P is a single port midspan PoE compliant power injector which provides power and passes data (e.g. video) for PoE compliant devices. Devices may be located up to 100m from NetWay1P. A NetWayXT repeater module can be utilized to extend the distance an additional 100m for a total range of up to 200m. A maximum range of 600m is possible using multiple repeaters, based on device port requirement. NetWay1 is capable of supporting non-PoE compliant fixed IP cameras by utilizing NetWay1512 adapter.

NetWay®

Specifications

Input:
- 24VAC @ 1.2 amp or 24VDC @ 1.2 amp. TP2440 plug-in transformer (included).

Data:
- One (1) PoE port provides power and passes data over ethernet (CAT5) cable up to 100m.
- Data rate: 10/100 Base-T compliant.

Output Power:
- Port provides up to 15.4W max.
- IEEE 802.3af compliant.
- 48VDC.
- Short circuit protection.

Functions:
- Port status LED.
- PoE manual shutdown (For UL 60950-1 applications only).
- Auto detection and protection of legacy non-PoE cameras/devices.

Environmental:
- Operating Ambient Temperature: UL60950-1: 0ºC to 40ºC (32ºF to 104ºF).

Environmental (cont'd):
- Operating Ambient Temperature *(cont'd)*: UL294: 0ºC to 49ºC (32ºF to 120.2ºF).
- Relative humidity: 85%, +/ — 5%
- Storage Temperature: – 20º to 70ºC (– 4º to 158ºF).
- Operating Altitude: – 304.8 to 3048m (– 1000 to 10,000 ft.).

Mechanical:
- Lightweight molded compact insulated housing.
- Spring terminals (Input and PoE shutdown).
- Dimensions (W x D x H approx.): 2.5" x 3.8" x 1" (63.5mm x 96.52mm x 25.4mm)
- Product weight (approx.): 2.79 lbs. (0.7 kg).
- Shipping weight (approx.): 3.15 lbs. (0.73 kg).

Accessories:
NetWay1512:
- 13W adapter for non-PoE compliant IP cameras.
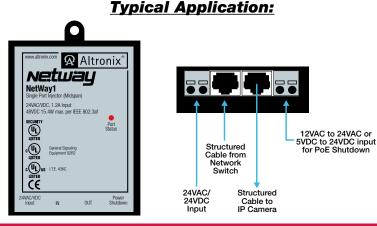
NetWayXT:
- PoE repeater module extends range 100m.

Agency Approvals

SECURITY
UL Listed for Access Control Systems (UL294).

CUL Listed - CSA Standard C22.2 No.205-M1983, Signal Equipment.

UL/CUL Listed for Information Technology Equipment (UL 60950-1).

European Conformity

Typical Application:

www.altronix.com **Altronix®**
NetWay
NetWay1
Single Port Injector (Midspan)
24VAC/VDC, 1.2A Input
48VDC 15.4W max. per IEEE 802.3af

SECURITY
UL LISTED
UL LISTED General Signaling Equipment 92R2
UL US LISTED I.T.E. 43KC
CE

Port Status

24VAC/VDC Input   IN   OUT   Power Shutdown

Structured Cable from Network Switch

12VAC to 24VAC or 5VDC to 24VDC input for PoE Shutdown

24VAC/ 24VDC Input

Structured Cable to IP Camera