



# Altronix®

## NetWay1X - Single Port PoE/PoE+ Injector for Standard Network Infrastructure

Rev. DSNetWay1X\_11132014



NetWay1X

**Netway**

### Overview

NetWay1X is a single port midspan PoE/PoE+ compliant power injector which provides power and passes data (e.g. video) for PoE/PoE+ compliant devices. Devices may be located up to 100m from NetWay1X. A NetWayXTX 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. NetWay1X is capable of supporting non-PoE compliant fixed IP cameras by utilizing NetWay1512 adapter.

### Specifications

#### Input:

- 24VAC @ 1.5 amp or 24VDC @ 1.5 amp.

#### Data:

- One (1) PoE/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 30W max.
- IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant.
- 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:

- 48VDC, 30W: 32°F to 113°F (0°C to 45°C).
- 24VAC, 30W: 32°F to 98.6°F (0°C to 37°C).

#### Environmental (cont'd):

- Relative humidity: 85%, +/-5%
- Storage Temperature: -4° to 158°F (-20° to 70°C).
- Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048m).

#### Mechanical:

- Lightweight molded compact insulated housing.
- Spring terminals (input and PoE shutdown).
- Dimensions (W x D x H approx.): 3.5" x 3.5" x 1" (88.89mm x 88.89mm x 25.4mm)
- Product weight (approx.): 0.25 lbs. (0.11 kg).
- Shipping weight (approx.): 0.3 lbs. (0.14 kg).

#### Accessories:

##### NetWay1512:

- 13W adapter for non-PoE compliant IP cameras.

##### NetWay3012:

- 25W adapter for non-PoE compliant IP cameras.

##### NetWayXTX:

- PoE+ repeater module extends range 100m.

### Agency Approvals



UL/CUL Listed for Information Technology Equipment (UL 60950-1).  
CUL Listed - CSA Standard C22.2 No.205-M1983, Signal Equipment.



European Conformity

### Typical Application:

