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

Rev. DSNetWay1X 11132014



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.

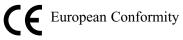
NetWayXTX:

• 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.



Typical Application:

