# Altronix<sup>®</sup> | **NETUAL** Installation Guide

# NetWayXT/NetWayXTX

# Repeater



#### Overview:

Altronix NetWayXT (IEEE 802.3af (15W) compliant) and NetWayXTX (IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant) repeater modules interface with NetWay midspans to extend data (video) for an additional 100m. A maximum range of 600m for NetWayXT and even longer for NetWayXTX is possible using multiple repeaters, based on camera/device port power requirement.

#### Features:

- · UL/CUL Listed for Information Technology Equipment (UL 60950-1).
- CE approved.
- Repeater module extends range 100m each.
- Port status LEDs.
- Compact insulated housing.

- Plug-and-play installation.
- Auto detection and protection of legacy non-PoE cameras.
- · No external power required.
- Compatible with NetWay1/NetWay8/ NetWay8M/NetWay16 and NetWay16M.

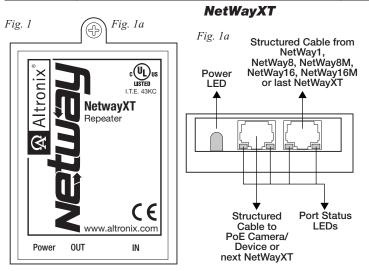
#### Installation Instructions:

NetWayXT/NetWayXTX is not intended to be connected to outside plant leads.

- 1. Mount NetWayXT/NetWayXTX in desired location utilizing the mounting hole (Fig. 1a, pg. 1, Fig. 2a, pg. 2). Use a proper fastener and/or wall anchor when securing NetWayXT to the wall.
- 2. Connect structured cable from port marked [OUT] on NetWay1/NetWay8/NetWay8M/NetWay16 or NetWay16M to port marked [IN] on the NetWayXT/NetWayXTX (Fig. 1b, pg. 1, Fig. 2b, pg. 2).
- 3. Connect structured cable from port marked [OUT] on NetWayXT/NetWayXTX to the PoE camera/ device or next NetWayXT/NetWayXTX repeater (Fig. 1b, pg. 1, Fig. 2b, pg. 2, Figs. 3-4, pg. 2).
- 4. Port status LEDs will illuminate on NetWayXT indicating the port is operational (Fig. 1b, pg. 1, refer to Port LED definitions on pg. 1).
- 5. Power LED will illuminate indicating 12VDC output (Fig. 1b, pg. 1).

#### Port LED definitions for NetWayXT repeater:

Status	Green LED	Yellow LED
OFF	Indicates it is connected as 10Base-T or no link.	Indicates no link.
ON	Indicates it is connected as 100Base-TX.	Indicates a link.
Blinking		Indicates activity.

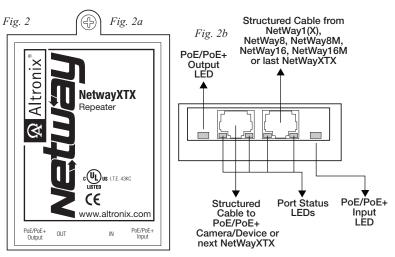


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#### Port LED definitions for NetWayXTX repeater:

Status	PoE/PoE+ Output LED	PoE/PoE+ Input LED	Yellow LED
OFF	No PoE/PoE+ Output	No PoE/PoE+ Input	Indicates no link.
ON	Normal PoE/PoE+ Output	PoE/PoE+ Input	Indicates a link.
Blinking	_	_	Indicates activity.

## NetWayXTX



### **Typical Applications:**

Fig. 3 - NetWayXT connected to NetWay1 Single Port Midspan Injector.

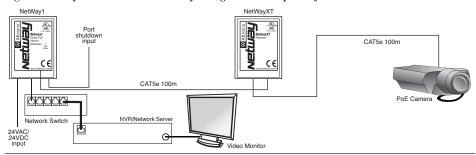
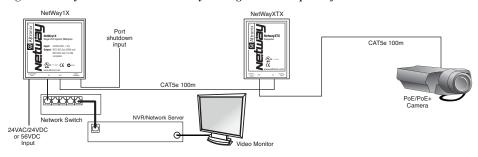


Fig. 4 - NetWayXTX connected to NetWay1X Single Port Midspan Injector.



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# Typical Applications (cont'd):

Fig. 5 - NetWayXT/ NetWayXTX connected to NetWay8, NetWay8M, NetWay16 or NetWay16M Midspan.

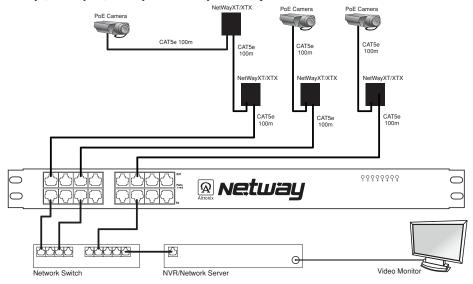
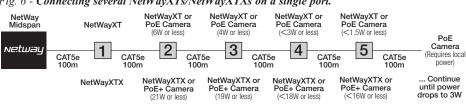


Fig. 6 - Connecting several NetWayXTs/NetWayXTXs on a single port.



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#### Notes:

Altronix is not responsible for any typographical errors.