Altronix® **NetWay** *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.

Specifications:

• 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/
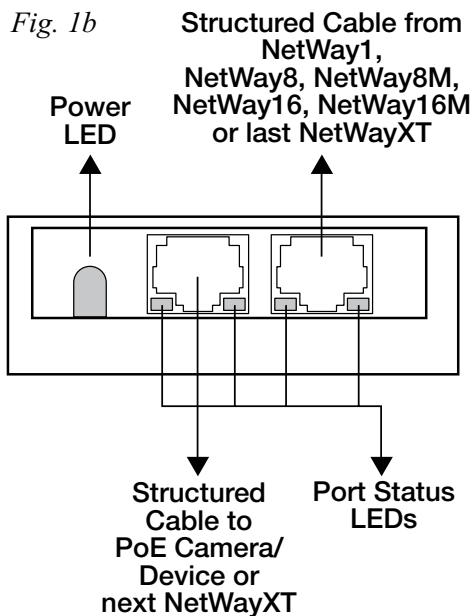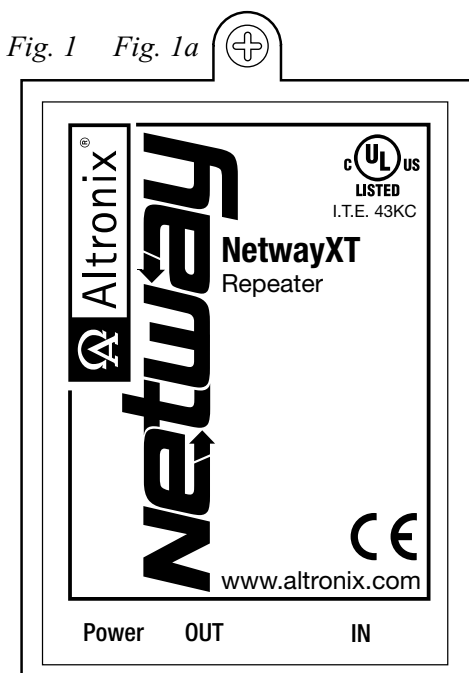 NetWay16 and NetWay16M.

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. 2-4, 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.

NetWayXT

Fig. 1   Fig. 1a

NetwayXT
Repeater

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Power   OUT   IN

Fig. 1b   Structured Cable from NetWay1, NetWay8, NetWay8M, NetWay16, NetWay16M or last NetWayXT

Power LED

Structured Cable to PoE Camera/ Device or next NetWayXT

Port Status LEDs

Port LED definitions for NetWayXTX repeater:

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

NetWayXTX

Fig. 2   Fig. 2a

Fig. 2b
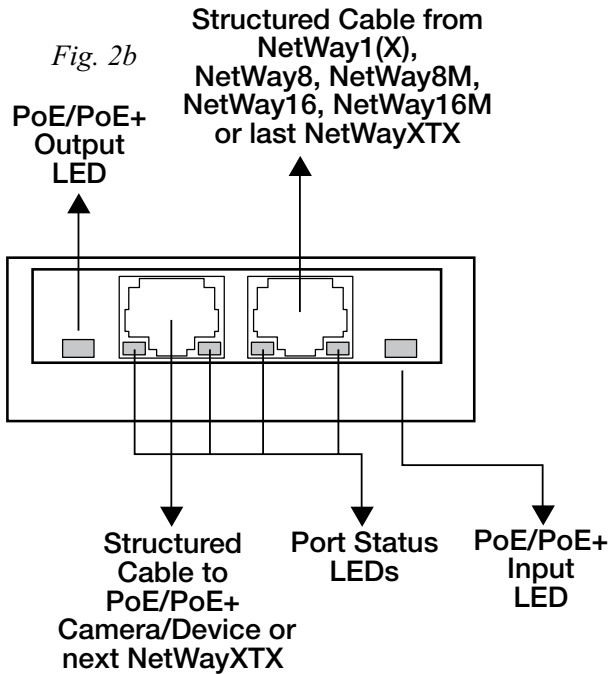
Typical Applications:

Fig. 2 - NetWayXT connected to NetWay1 Single Port Midspan Injector.
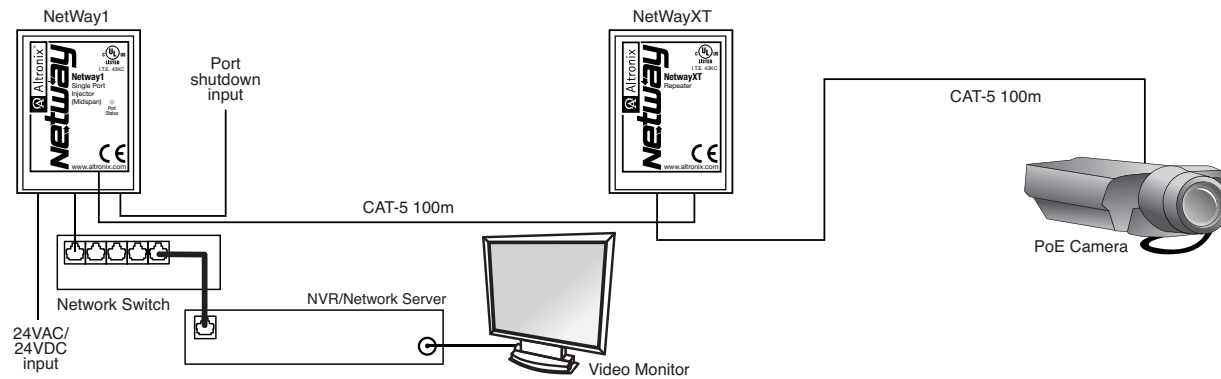
Fig. 3 - NetWayXTX connected to NetWay1X Single Port Midspan Injector.
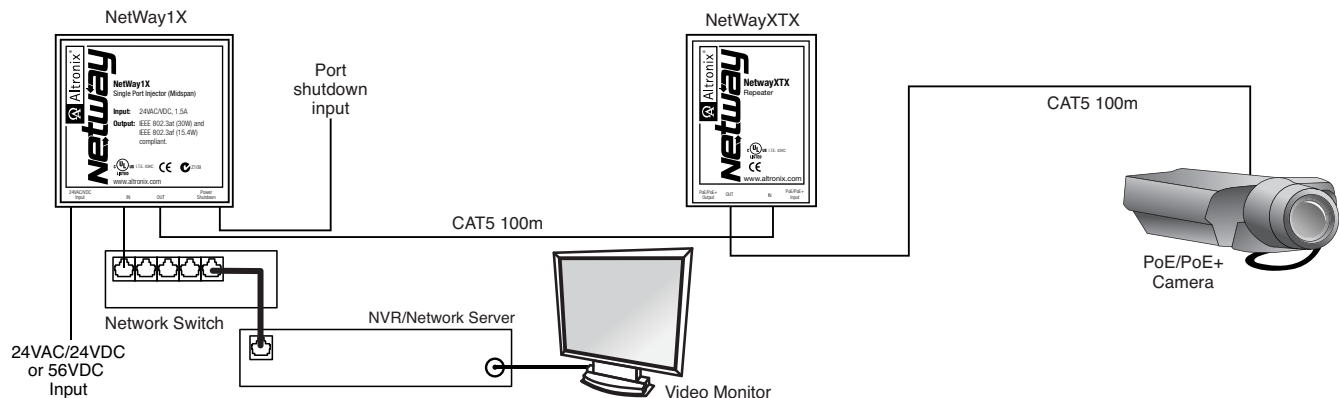
Typical Applications *(cont'd)*:

Fig. 4 - NetWayXT/ NetWayXTX connected to NetWay8, NetWay8M, NetWay16 or NetWay16M Midspan.
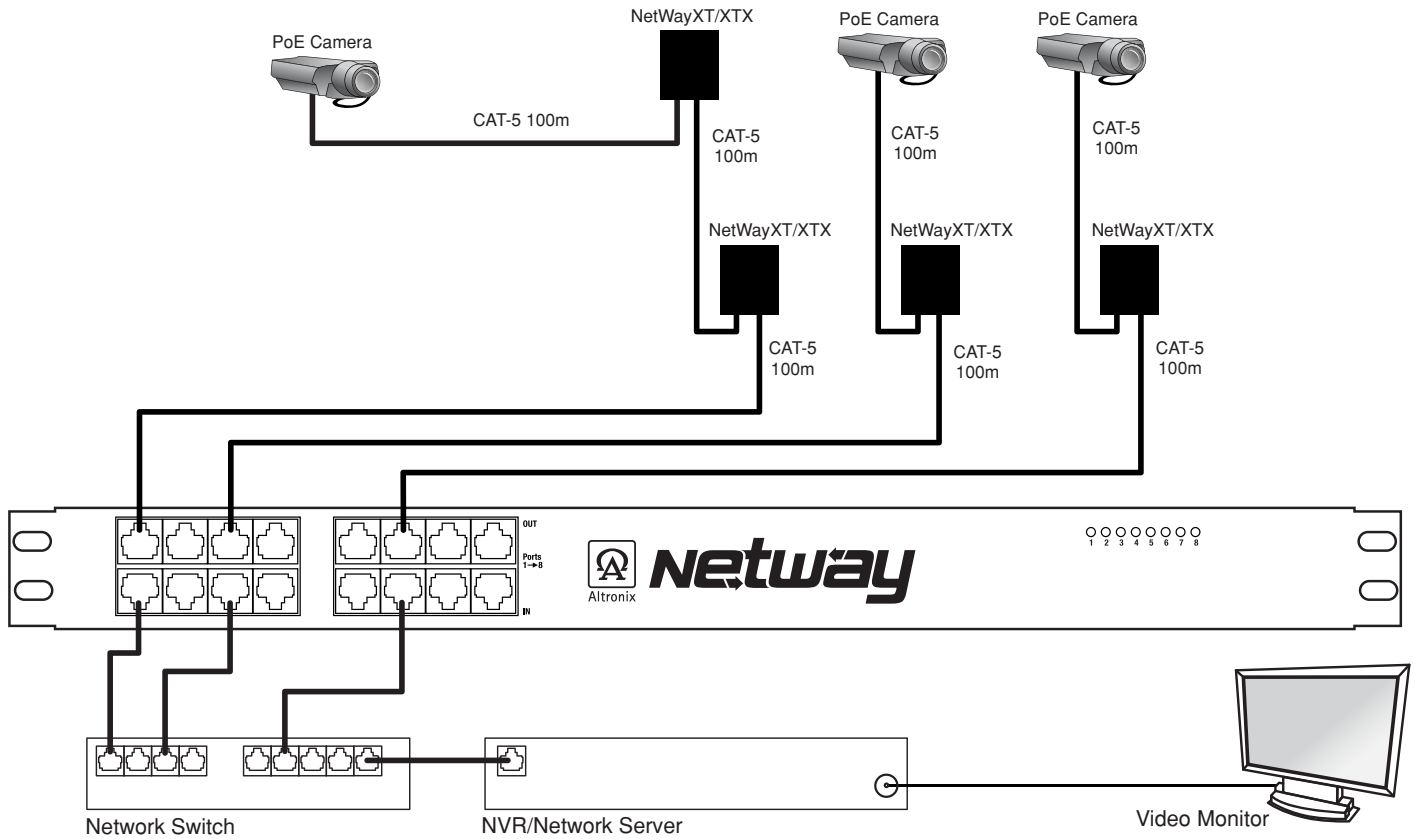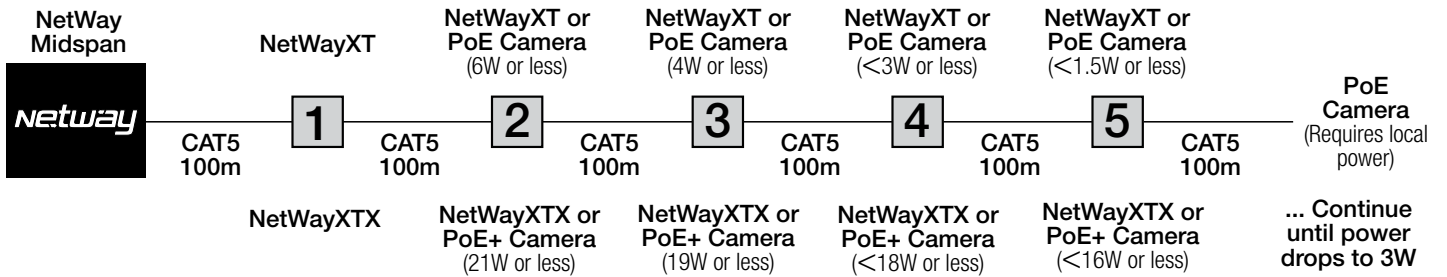

Fig. 5 - Connecting several NetWayXTs/NetWayXTXs on a single port.

Notes

MEMBER
NetWayXT/ NetWayXTX