

NetVanta ActivReach Media Converter

P/N 1702595G12



SPECIFICATIONS

Conversion	1-pair, 2-pair, or 4-pair ActivReach Ethernet to standard 10/100Base-T
Compliance	EN 60950-1, IEC 60950-1, AS/NZS 60950.1, UL/CUL 60950-1 RoHS compliant (telecommunications exemption) FCC Part 15 Class B, EN 300 386, EN 61000-3-2, EN 61000-3-3, ICES 003 Class B, AS/NZS CISPR22 Class B

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference. 2) This device must accept any interference received, including interference that may cause undesired operation.

Physical	Dimensions: 3.50-inch W x 2.00-inch H x 1.12-inch D Operating Temperature: 0°C to 40°C Storage Temperature: -20°C to 70°C Relative Humidity: Up to 95 percent, noncondensing
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WARNING

- The NetVanta ActivReach Media Converter is intended for intrabuilding use only.
- PoE cables are intended for intrabuilding use only. Connecting an ADTRAN PoE unit directly to PoE cables that run outside the building in which the unit is housed will void the user's warranty and could create a fire or shock hazard.
- Ethernet cables are intended for intrabuilding use only. Connecting an ADTRAN unit directly to Ethernet cables that run outside the building in which the unit is housed will void the user's warranty and could create a fire or shock hazard.



NetVanta ActivReach Media Converter intended for use only with the NetVanta 1235P (P/N 1700595G10) and the NetVanta 1535P (P/N 1702595G10) ActivReach Ethernet Switches.



Important:
For more information and help installing your NetVanta ActivReach product, go to <http://www.adtran.com/activreach-help>.

DESCRIPTION

The NetVanta ActivReach Media Converter is designed to convert ADTRAN's ActivReach Ethernet to standard 10/100Base-T over varying cable types and cable distances well beyond the standard Ethernet limitation of 100 meters. It has no input power supply, but rather draws power from the upstream ActivReach Ethernet Switch.

The NetVanta ActivReach Media Converter has two modes. The mode is selected by a sliding switch labeled **PoE** and is dependent on the type of downstream device connected to the converter. With the sliding switch in the **ON** position, the Media Converter provides PoE to the downstream device. With the sliding switch in the **OFF** position, the Media Converter terminates the PoE from the upstream ActivReach Ethernet Switch.

INSTALLATION INSTRUCTIONS

1. On the Media Converter, set the sliding switch labeled **PoE** to **ON** to provide PoE to the downstream device or **OFF** to terminate the PoE from the ActivReach Ethernet Switch.
2. Ensure that the plugs on each end of the network cables have the two center pins connected. **The center pins are used to transmit ActivReach PoE from the NetVanta 1535P to the Media Converter.**
3. Insert the network cable into an appropriate connector on the front panel of the ActivReach Ethernet switch.
4. Insert the other end of the network cable into the connector on the Media Converter labeled **TO NETWORK**.
5. Insert an Ethernet cable into the Ethernet connector on the Media Converter labeled **TO DEVICE**.
6. Insert the other end of the Ethernet cable into the Ethernet port of the downstream device.
7. If the Media Converter is to be wall mounted, install two screw anchors suitable for the type of wall on which you are mounting the unit. The anchors should be horizontally level with each other and spaced 2.5 inches apart on center.
8. Install two #6 PAN-head screws (1-inch or greater in length) into the anchors, leaving approximately 0.25 inch of the screws protruding from the wall.
9. Slide the keyed insets on the bottom of the unit securely onto the screws.

LED DESCRIPTIONS

LED	Color	Indication
PWR	Off	The unit is not receiving power.
	Green (solid)	The unit is receiving power.
LNK	Off	No link is detected.
	Amber (solid)	A link is detected but there is no activity.
	Amber (flashing)	A link is detected and there is activity.
SPD	Off	The unit is communicating at 10 Mbps.
	Green (solid)	The unit is communicating at 100 Mbps.