

Vi0024

IEEE 802.3af/at PoE Enabler

Features

- Enables a PoE source to provide PoE power to all devices along the transmission path
- Compact inline design



Applications

- Powering UTP or Ethernet extenders using PoE
- Powering PoE repeaters when connecting 2 network switches

Vigtron's Vi0024 acts as an IEEE 802.3af (15.4W) and IEEE 802.3at (30W) powered device path. It enables flow of power from a PoE source but blocking the final transmission to the end point. The Vi0024 is ideal for allowing PoE devices along a transmission line to receive power from a PoE source when the final connection is to a camera or other devices that have or require local power. Using the Vi0024 eliminates the need for extra local power sources or supplies, allowing devices such as extended UTP/coax to be powered by PoE.

Technical Specification*

Electrical

Connectors	Data and PoE Input: Female RJ45 Data Side: Male RJ45
Compatibility	IEEE 802.3af (15.4W / Class 0, 1, 2, 3) IEEE 802.3at (30W / Class 4)

Regulatory

Safety	CE
Environmental	RoHS, WEEE

Environmental

Humidity	0 to 95%, Non-Condensing
Temperature	Operating: 0°C to +50°C Storage: -20°C to +70°C

Mechanical

Dimensions	8.6 in., 21cm Total length
Weight	0.37lbs (16g)
Housing	ABS plastic, UL rating of 94V-0

Ordering Information

Part No.	Description
----------	-------------

VI0024	IEEE 802.3af/at PoE Enabler
---------------	-----------------------------

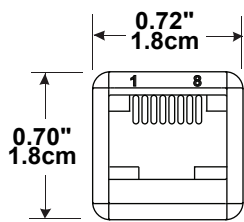
*Specifications subject to change without notice.



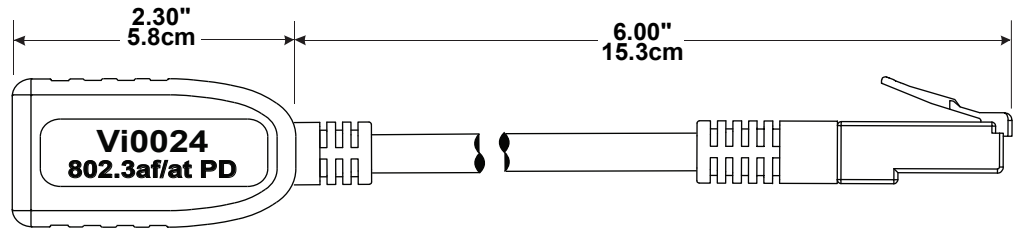
TEL (+1) 858-484-5209 • FAX (+1) 858-484-1205
7810 Trade Street, Suite 100, San Diego, CA 92121, USA • support@vigatron.com • www.vigatron.com

© Copyright 2022 Vigatron, Inc.

Mechanical Drawings



Rear View

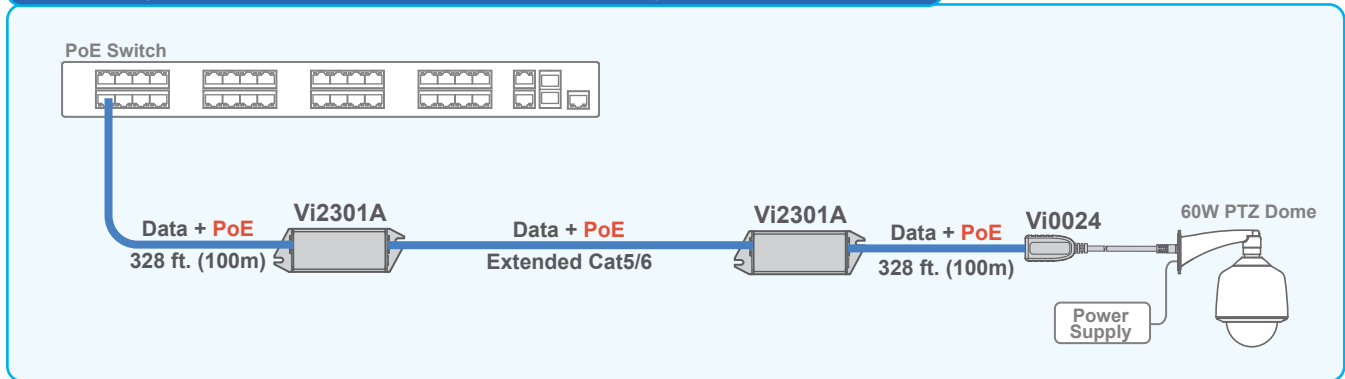


Side View

Application Drawings

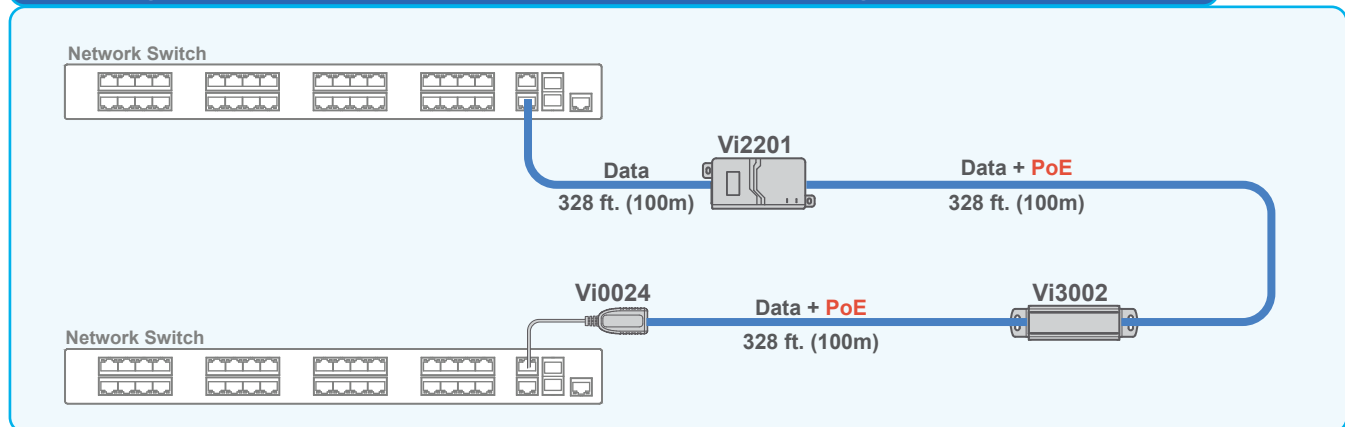
— Cat 5/6

Powering the Ethernet Extender when using non PoE devices



The Vi0024 can be used to power Ethernet Extenders using PoE when the end point is a Non PoE device.

Powering an Ethernet Repeater with PoE when connecting to a non-PoE network



The Vi0024 can be used to power Ethernet Repeater with PoE when connecting non-PoE network switches.