

# 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.

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# Technical Specification\*

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## 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
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<b>VI0024</b>	IEEE 802.3af/at PoE Enabler
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\*Specifications subject to change without notice.



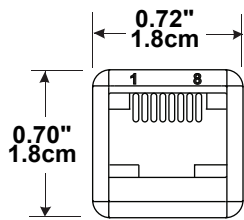
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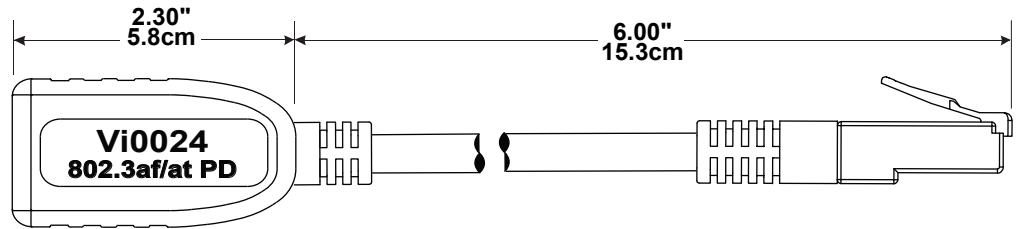
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# Mechanical Drawings



Rear View

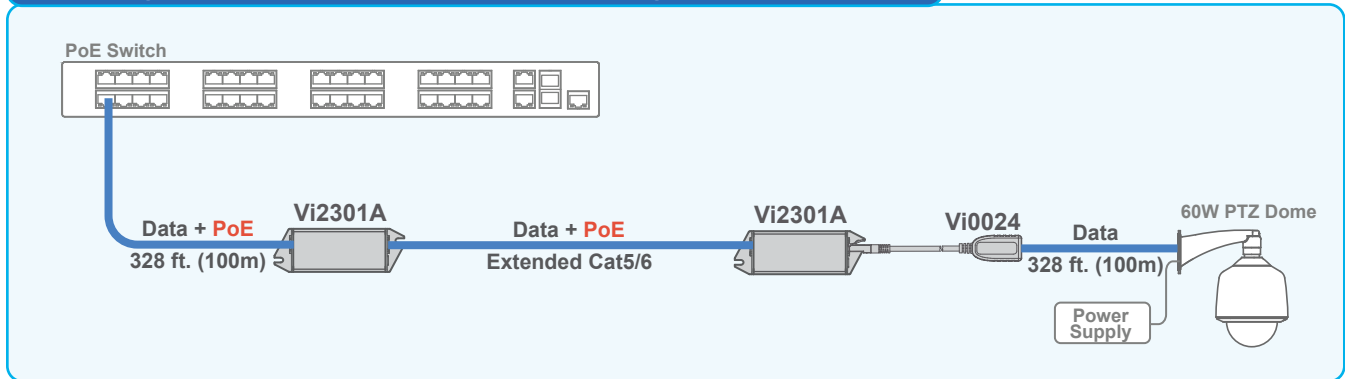


Side View

# Application Drawings

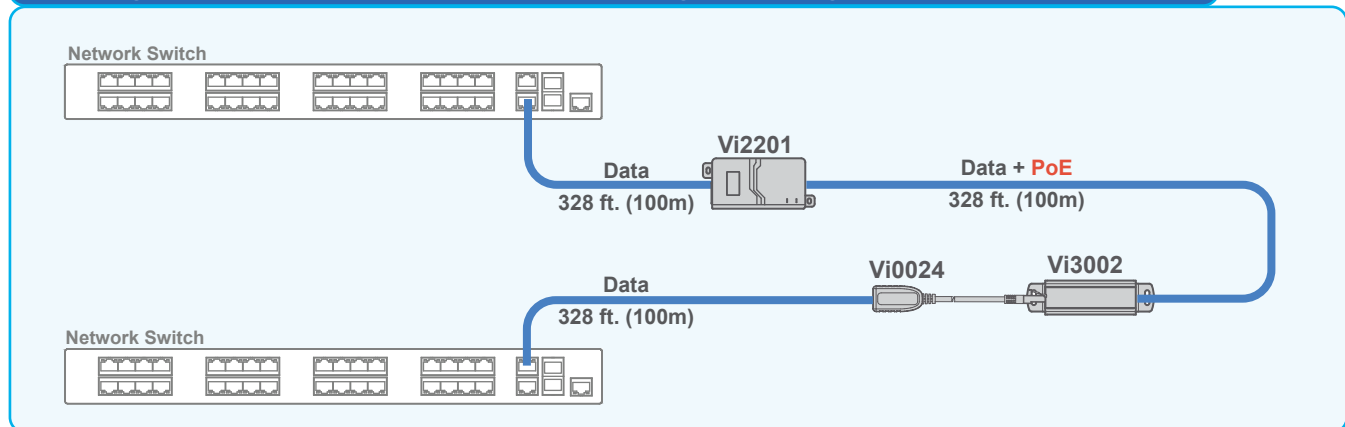
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## Powering the Ethernet Extender when using non PoE devices



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 using connecting non-PoE network switches



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