

# Vi0024 and Vi0025

Vi0024 - 802.3af/at Power Device (PD)  
Vi0025 - PoE Blocker

## Features

### Vi0024

- Provide a PoE System with a PD allowing power to flow from a PoE source providing PoE remote power to all devices along the transmission path

### Vi0025

- Blocks PoE power allowing the flow of data preventing the potential of constant source PoE from damaging non PoE equipment



## Applications

### Vi0024

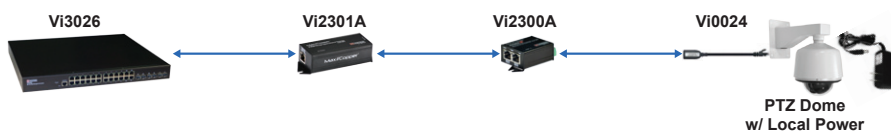
Vigtron's Vi0024 acts as an 802.3 af (15.4 Watts) and 802.3at (30 Watts) power device pad, compliant to the 802.3 PoE standard, allowing the flow of power from a PoE source but blocking the final transmission to the end point. The Vi0024 is ideal for allowing PoE devices along a transmission line to 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 locally.

### Vi0025

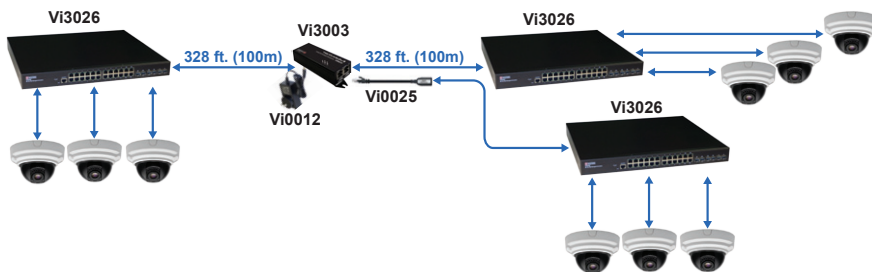
Vigtron's Vi0025 is used to block PoE from passing through to non-powered PoE devices preventing potential equipment damage but allowing other PoE enabled products to be powered normally.

## Application Diagrams

### Vi0024



### Vi0025



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# Technical Specification

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## Electrical

Connectors **Vi0024**  
Data and PoE Input: RJ45 Female  
Data Side: RJ45 Male

**Vi0025**  
Bidirectional: RJ45

Compatibility 802.3af (15.4 Watts) / Class 0, 1, 2, 3  
802.3at (30 Watts) / Class 4

## Environmental

Humidity 0 to 95%, Non-Condensing

Temperature Operating: 0°C to +50°C  
Storage: -20°C to +70°C

## Mechanical

Dimensions **Vi0024**  
7.25 in. length

**Vi0025**  
7.25 in. length

Weight **Vi0024**  
0.37lbs (16g)

**Vi0025**  
0.37lbs (16g)

Housing Plastic

## Ordering Information

Part No. Description

Part No.	Description
<b>Vi0024</b>	<b>802.3af/at Power Device (PD)</b>
<b>Vi0025</b>	<b>PoE Blocker</b>



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