

Vi00104

PoE Booster

Features

- Increases PoE transmission efficiency over category cables
- Doubles the PoE transmission distance
- Compliant with 10/100/1000BaseT Ethernet
- Decreases the loss of PoE power over the cable
- Handles Ethernet Jumbo Frames
- No set up required, Plug and play
- Low cost and easy to use
- Patent pending design



Applications

- Installation of PoE Cameras at longer distances
- Decreasing the loss of power over transmission cables

Vigatron's Vi00104 provides a unique method for increasing PoE power without the need to change existing cable. It is the perfect cost effective solution for boosting received PoE power helping to prevent potential shut downs due to varying PoE requirement which are typical in most connected devices. The Vi00104 works with both extended and non-extended applications and significantly reducing operation costs

It provides a male RJ45 pigtail on one end and a female RJ45 on the other end. It is compact in size, light weight, low cost and easy to use. The Vi00104 is patent pending and is an ideal solution to save energy and extend the reach of PoE.

Technical Specification*

Electrical

Connector	PoE input: Male RJ-45 PoE Output: 10" pigtail w/Female RJ-45
PoE Standards	IEEE 802.3af Mode A and B IEEE 802.3at Mode A and B
Ethernet Standards	10/100/1000BaseT
Jumbo Frames	Yes
Wire Compatibility	Cat 5, Cat 5e, Cat 6, Cat 6a, Cat 7

Ordering Information

Part No. Description

Vi00104	PoE Booster
---------	-------------

Regulatory

Safety	CE
Environmental	Rohs, WEEE

Environmental

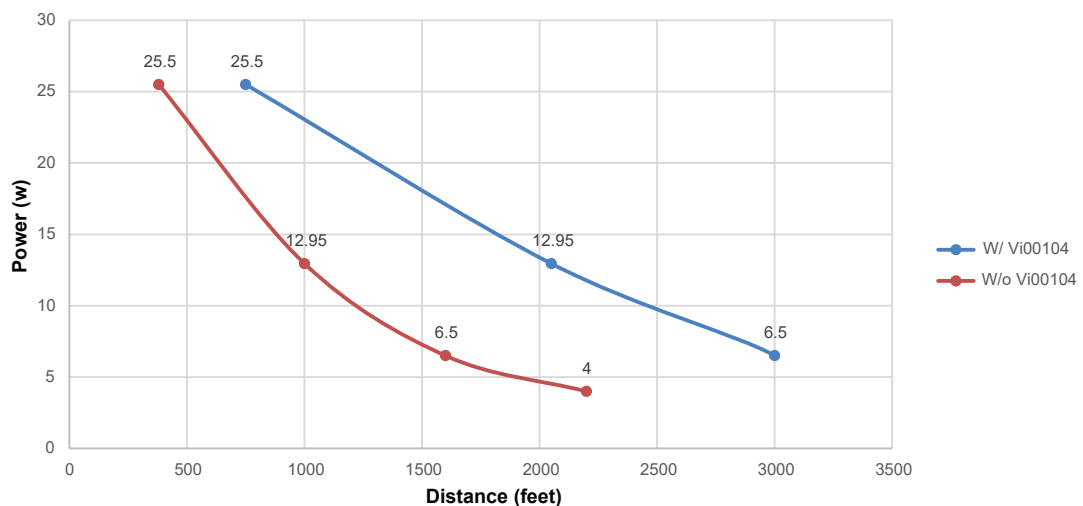
Humidity	0 to 95%, non-condensing
Temperature	Operating: -40°C to +60°C Storage: -40°C to +80°C

Mechanical

Dimensions	0.8x0.84x1.90 in, 2.03x2.13x4.83 cm (HxWxL) w/ a 10 inches (25 cm) pigtail Cables
Weight	0.05 lbs, 23 g
Housing	ABS plastic UL rating of 94V-0

*Specifications subject to change without notice.

30W PoE Source over Cat-5e Cables

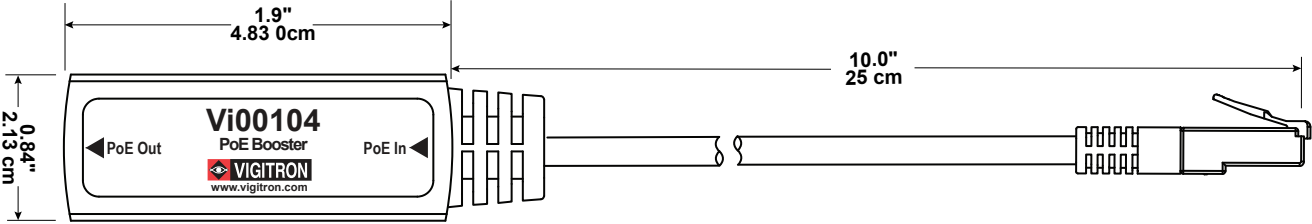


TEL (+1) 858-484-5209 • FAX (+1) 858-484-1205

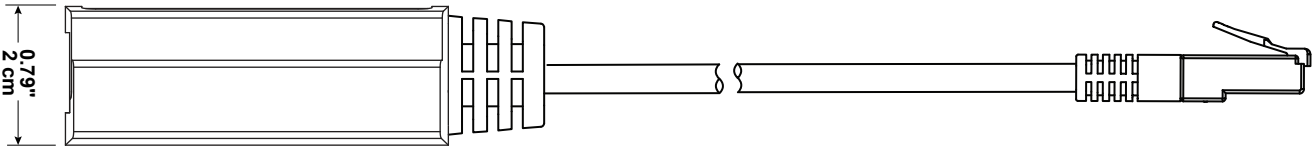
7810 Trade Street, Suite 100, San Diego, CA 92121, USA • support@vigatron.com • www.vigatron.com

© Copyright 2022 Vigatron, Inc.

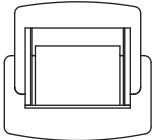
Mechanical Drawings



Top View



Side View

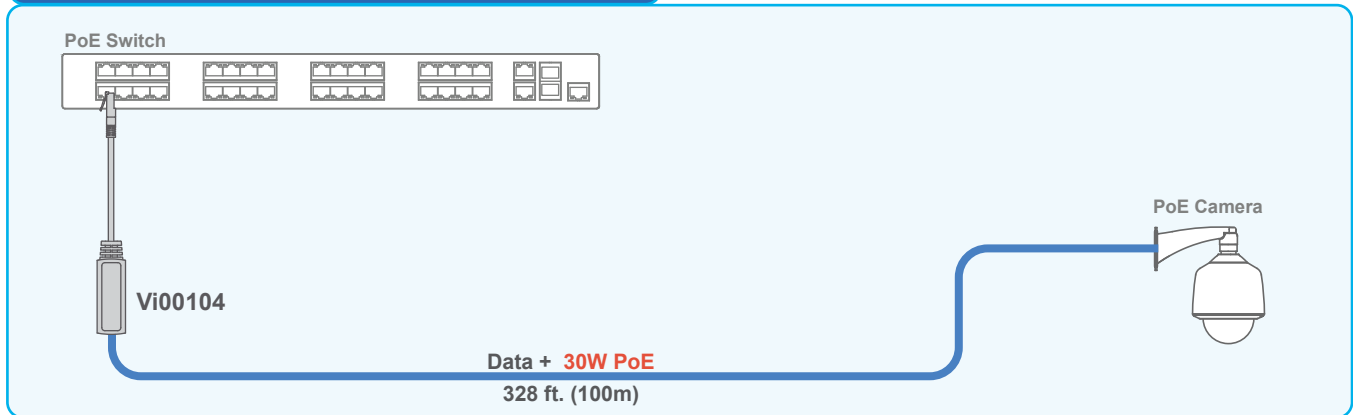


Left View

Application Diagrams

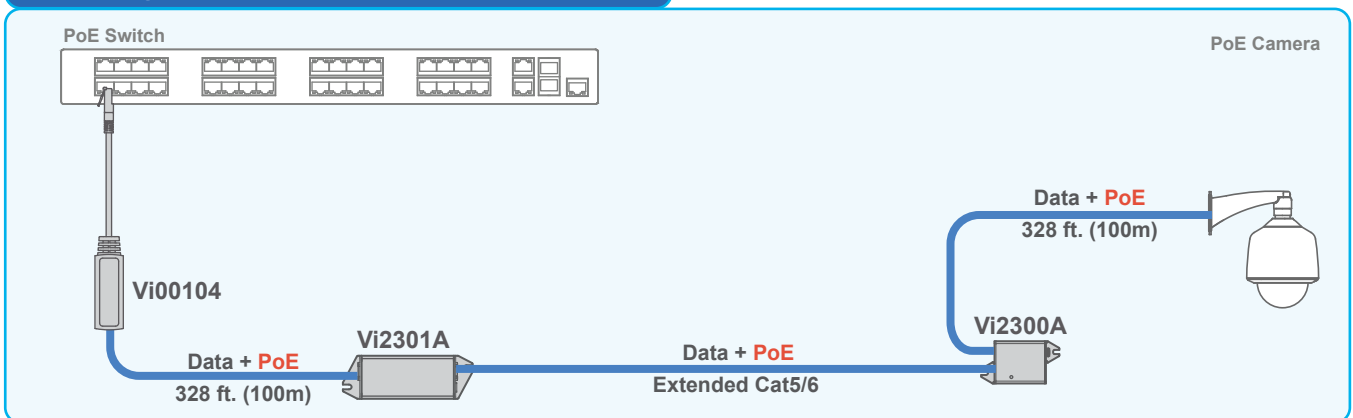
Cat 5/6

Powering PoE cameras over standard UTP



The Vi00104 can provide PoE power at longer distances with lower loss of power over standard distance UTP.

Powering PoE cameras over Extended UTP



The Vi00104 can provide PoE power at longer distances with lower loss of power over extended distance UTP.