

Vi00027

PoE Test Tool

Features

- Indicates type and wire configuration of PoE sources at any point along a networks
- Complies with IEEE 802.3af/at/bt POE standards
- Indicates Mode A and B for IEEE 802.3af, at, bt and UPoE
- Confirms PoE source up to 90W
- Indicates PoE types by using 6 easy to read LEDs
- No power required, uses PoE only
- Compact design and light weight
- Low cost and easy to use



Applications

- Installation of PoE Cameras
- Troubleshooting PoE networks
- Verifying PoE source performance



Vigatron's Vi00027 is a PoE test tool that can quickly confirm the type of transmitted PoE and the cable configuration. It is compact in size, light weight, low cost and easy to use. The Vi00027 has a built in microcontroller circuit that can precisely detect presence of Modes A and B for IEEE 802.3af./at, IEEE 802.3bt and UPoE.

Different PoE powered devices require different wire configurations depending on their type and class. The method to power PoE connected devices requires that the number of wire pairs used to transmit PoE must be matched by the ability of the connected PoE device to receive the transmitted PoE.

Before installing PoE devices, the Vi00027 can determine if the PoE source and cable configuration are matched by the PoE device requirement. This can take the guess work out of PoE devices installation and save valuable installation and troubleshooting time.

The Vi00027 has a built in keychain that makes it easy to carry and use.

Technical Specification*

Electrical

Connector	RJ-45
PoE Standards	IEEE 802.3af Mode A and B IEEE 802.3at Mode A and B IEEE 802.3bt up to 90W UPoE up to 90W
LED Indicators	6 Orange LED's
Wire Compatibility	Cat 5, Cat 5e, Cat 6, Cat 6a, Cat 7

Regulatory

Safety	CE, FCC
Environmental	Rohs, WEEE

Environmental

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

Mechanical

Dimensions	0.84 x 0.79 x 2.3 in., 2.1 x 2 x 5.9 cm (HxWxL)
Weight	0.05 lbs, 23 g
Housing	ABS plastic UL rating of 94V-0

*Specifications subject to change without notice.

Ordering Information

Part No. **Description**

Vi00027	PowerMate PoE Test Tool
----------------	--------------------------------

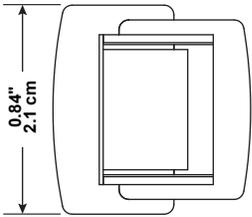


TEL (+1) 858-484-5209 • FAX (+1) 858-484-1205

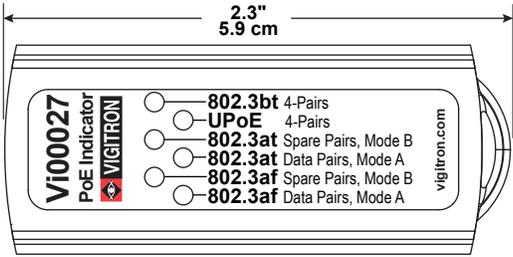
7810 Trade Street, Suite 100, San Diego, CA 92121, USA • support@vigatron.com • www.vigatron.com

© Copyright 2021 Vigatron, Inc.

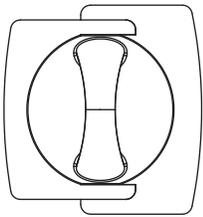
Mechanical Drawings



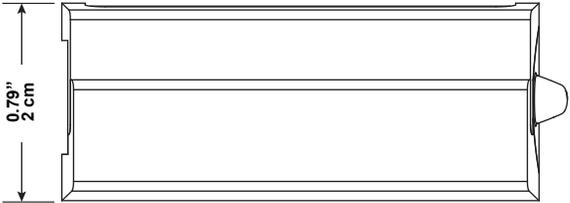
Left View



Top View



Right View

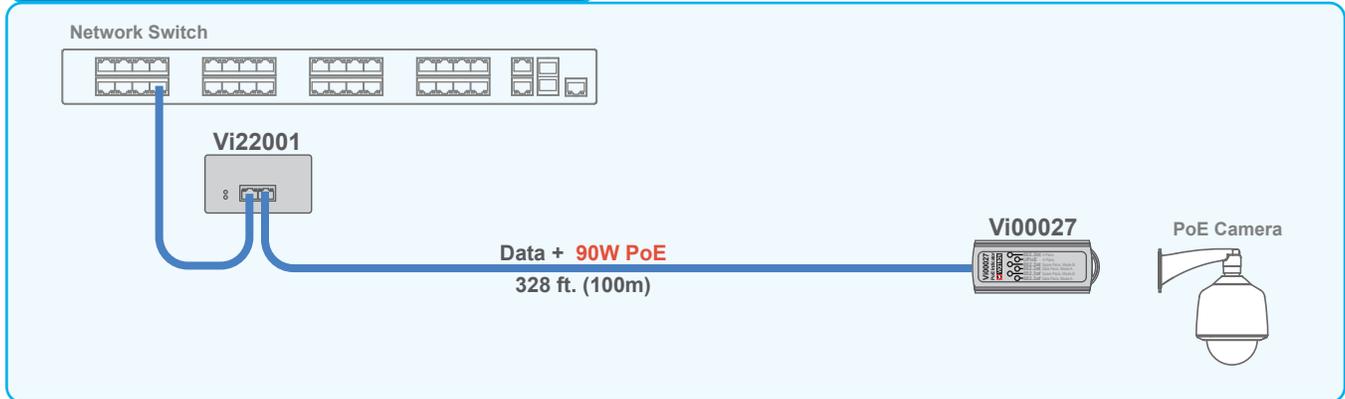


Side View

Application Diagrams

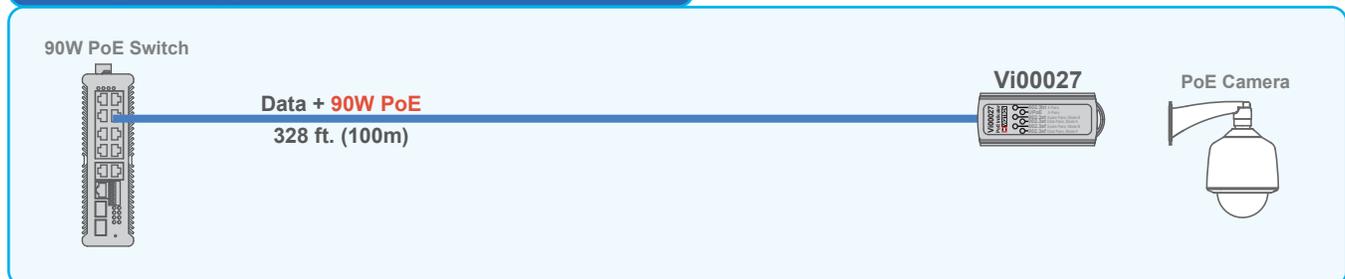
— Cat 5/6

Testing PoE type from a PoE Midspan



The Vi00027 can verify the PoE provided from a Midspan.

Testing PoE type from a PoE Network Switch



The Vi00027 can verify the PoE provided from a PoE Network Switch.