

Vi00016

PoE Combiner Adapter

Features

- Combines 2 PoE ports of virtually any PoE switch or Midspan for doubling PoE output power
- Compliant to IEEE 802.3af/at/bt up to 74W PoE power
- Compatible with 10/100 BaseT
- Combines two PoE port outputs to meet high power PoE device requirements
- Conforms to standard Cat5e/Cat6 wiring



Applications

- PoE power solution for high power PoE PTZ domes,
- LED lighting, Access Control and other high power PoE applications
- Schools, Casinos, Retail

The Vi00016 can be used virtually with any network switches or Midspans to combine the PoE output of two ports and double the PoE power. It increases PoE power beyond the normal 30W to provide power for extended distance applications and those requiring high power PoE++. The Vi00016 is easy to install and does not require any modification to the PoE source devices.

The Vi00016 is an ideal solution for applications where the PoE power of a single port is limited and connected devices require higher PoE power.

Technical Specification*

Electrical

Connections PoE: **Blue** Cat6 Cable and Male RJ45 Connector
PoE and Data: **Gray** Cat6 Cable and Male RJ45 Connector
PoE and Data: Female RJ45 Connector

PoE Handling Capacity

Inputs up to 37W on each input

Output up to 74W

Regulatory

Safety CE

Environmental RoHS, WEEE

Environmental

Humidity 0 to 95%, non-condensing

Temperature Operating: -40°C to +60°C
Storage: -40°C to +75°C

Mechanical

Dimensions 0.8 x 0.84 x 1.90 in, 2.03 x 2.13 x 4.83 cm (HxWxL)
w/ two 10 in (25 cm) Pigtail Cables

Weight 0.073 lb (33g)

Housing ABS

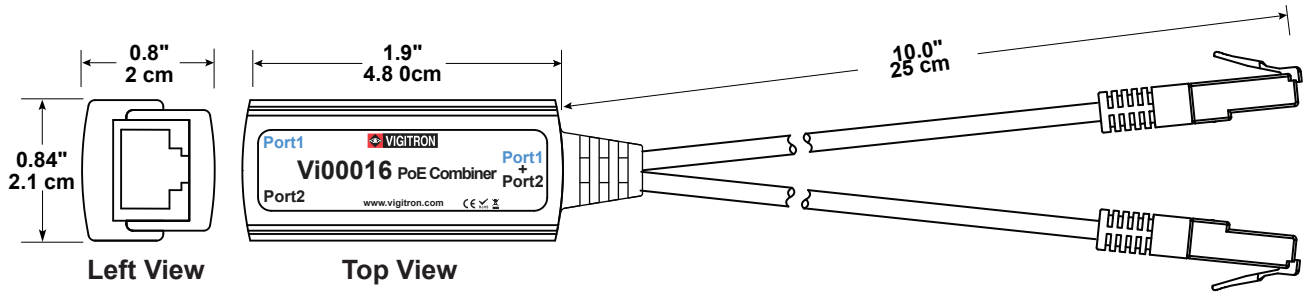
*Specifications subject to change without notice.
Compatibility with standard switches and Midspans will depend on their firmware.

Ordering Information

PART No.	Description
Vi00016	PoE Power Combiner Adapter



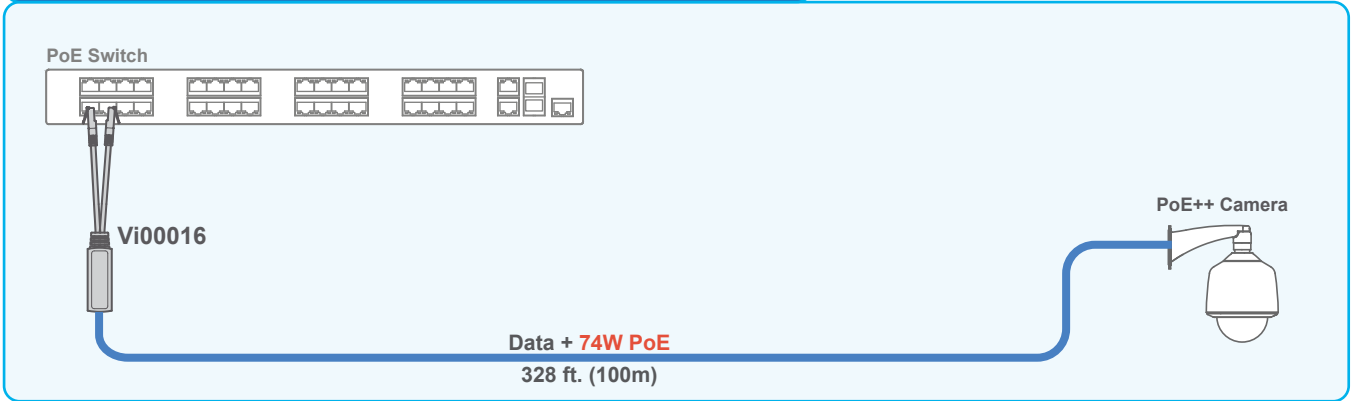
Mechanical Drawings



Application Diagrams

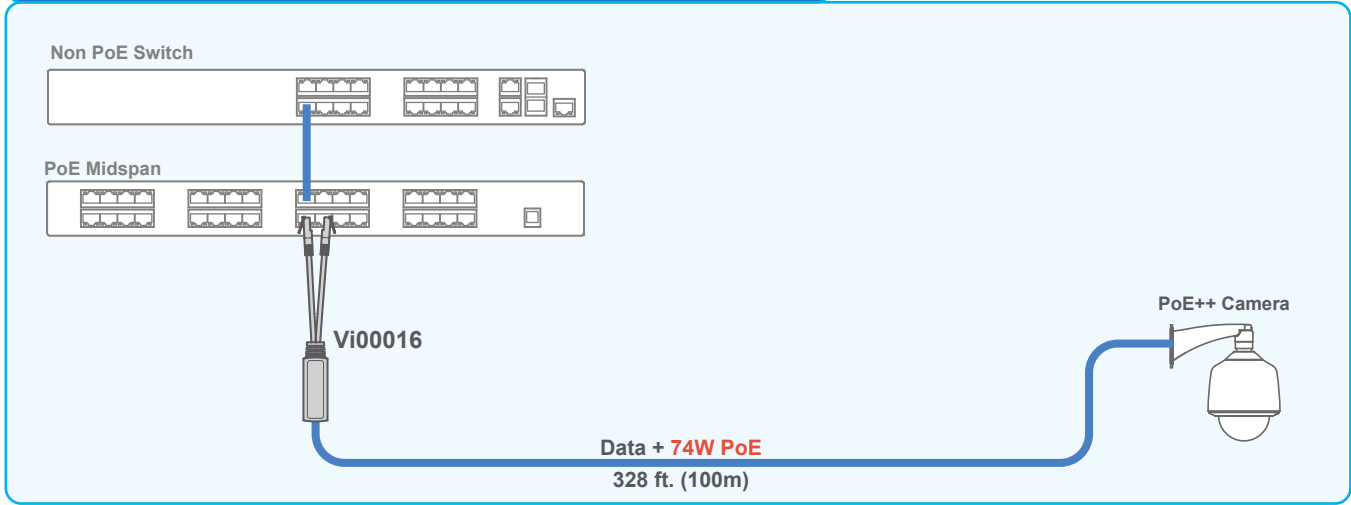
— Cat 5/6

Powering High Power PoE Cameras by a PoE Switch



The Vi00016 enables combining power from 2 PoE ports of a PoE switch to power PoE++ cameras.

Powering High Power PoE Cameras by a PoE Midspan



The Vi00016 enables combining power from 2 PoE ports of a PoE Midspan to power PoE++ cameras.