

# V-POE-CS2

## PoE Port Combiner/Splitter



### Overview

For customers who want to lower the installation cost of two co-located cameras, or add a second camera to an existing installation, this solution lets you connect any two Roughneck or Roughneck AI cameras using a single Cat5/6 cable.

It includes a port combiner (for combining two IP/PoE signals) and a port splitter (for transmitting those signals through a single cable). Mix and match, and co-locate any form factor, i.e., any combination of Roughneck Dome, Bullet, Fisheye or Corner cameras.

### Ordering Information

Model Number	Description
V-POE-CS2	COMBINER/SPLITTER; for two 802af/at cameras with up to 30W per channel PoE; NetMux

### Product at a Glance

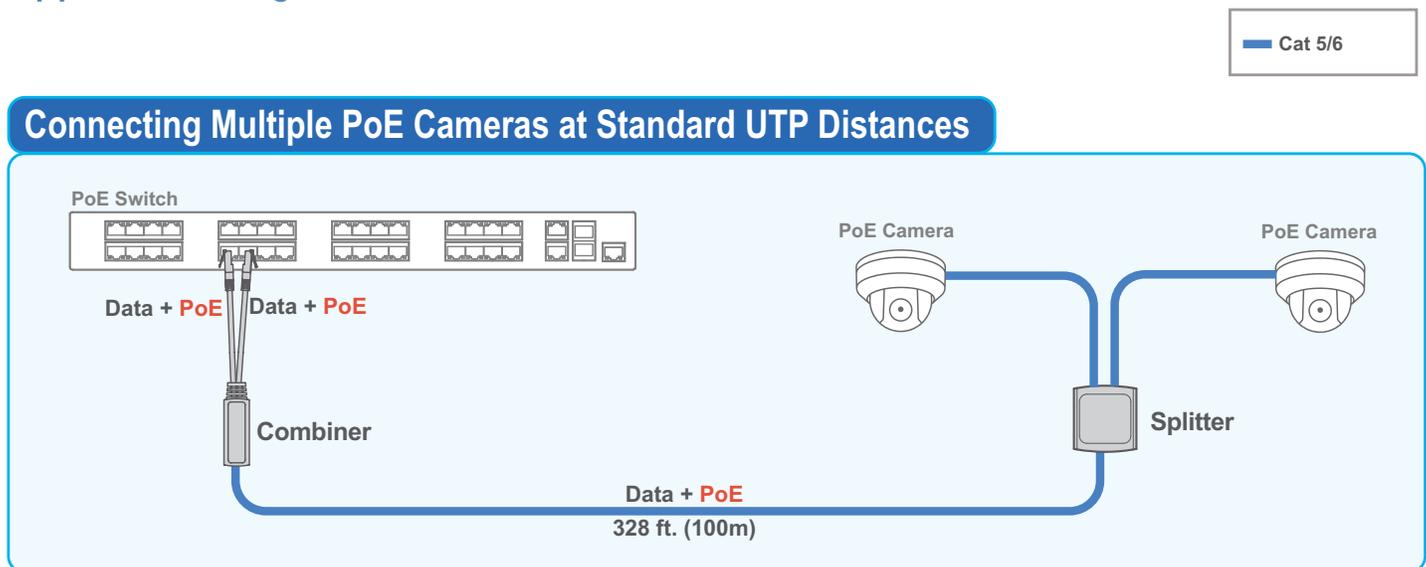
- ▶ Cost-effective solution for powering two Vicon cameras ( $\leq 30$  Watts each) using a single cable
- ▶ No separate power source required
- ▶ The transmitter piece easily fits into a junction box
- ▶ Indicates PoE presence at camera side

## Specifications

<b>Model</b>	V-POE-CS2
<b>Network and Electrical</b>	
Ethernet Interface:	10Base-TX and 100Base-TX
Power Source:	No external power source needed
PoE Compatibility:	IEEE802.3af/at; 30 W per port max
Connectors:	Combiner: 2X male RJ-45; 1X female RJ-45. Splitter: 3X female RJ-45
Status Indicators:	Combiner: None. Splitter: Port 1 PoE Output: Green LED; Port 2 PoE Output: Green LED
<b>Mechanical</b>	
Dimensions:	Combiner: H: 0.8 in. (20.3 mm); W: 0.84 in. (21.3 mm); L: 1.90 in. (48.3 mm) with two 10-in. (250 mm) pigtail cables Splitter: H: 0.83 in. (21.1 mm); W: 1.39 in. (35.3 mm); L: 1.44 in. (36.6 mm)
Weight:	Combiner: 0.068 lb (31 g). Splitter: 0.035 lb (16 g).
Construction:	ABS plastic; UL rating 94V-0
<b>Environmental/Regulatory</b>	
Operating Temperature:	-40°F to 167°F (-40°C to 75°C)
Humidity:	0 to 95% non-condensing
Compliance:	FCC, CE, RoHS, WEEE
Warranty:	3 years
Country of Origin:	China

**Important Note:** The V-POE-CS2 is designed to support 2 lines of 10/100 Ethernet over a single CAT5E/CAT6 cable. If a port is 1000BaseT (1G) and doesn't automatically change to 100MBps, that port will not be connected. In this case, the user must log into the 1G switch and force the speed to 100Mbps.

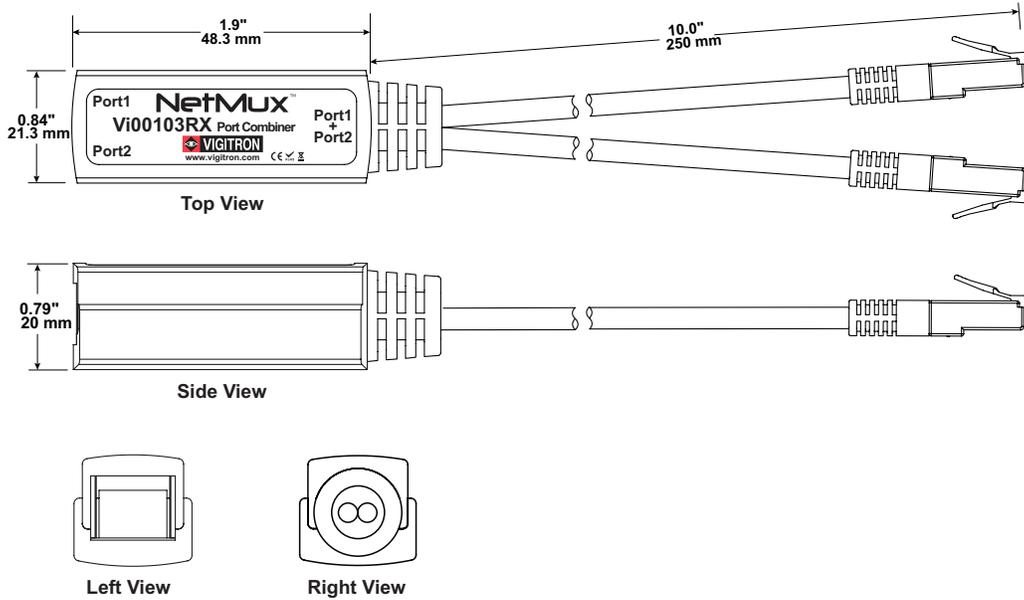
## Application Diagram



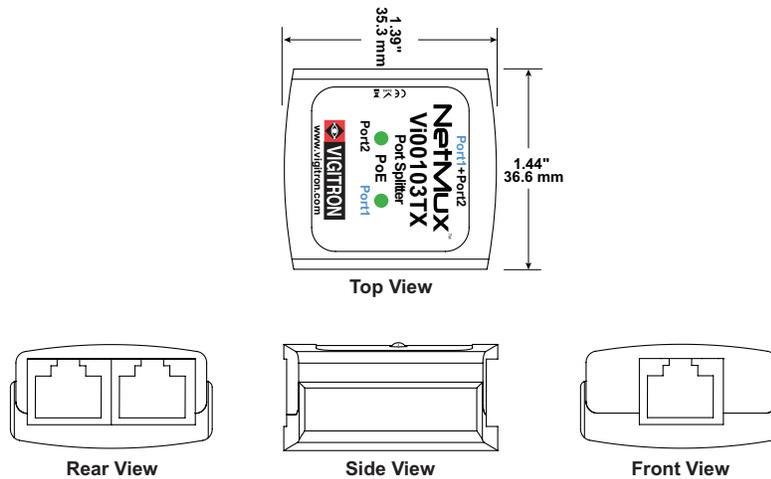
*The V-POE-CS2 can connect two cameras at standard UTP distances over a single cable.*

## Dimension Drawing

### Combiner



### Splitter



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