

# Vi22101

## MaxiiPower™ IEEE 802.3af to 12VDC Splitter

### Features

- Convert IEEE 802.3af power to +12VDC
- Maintains IP 10/100 data throughput
- Compatible with IEEE PoE sources
- Provides +12.5V DC at 1 amp
- Pass through data for device IP control and monitor
- Compatible with Vi2300A UTP and Vi2400A coax extenders for distances up to 2,000 ft.



### Applications

- Power LED lighting
- Power emergency response call box phone system
- Power emergency response lighting alerts
- Telephone and alarm systems requiring DC power

Vigatron's MaxiiPower™ Vi22101 is a PoE splitter that is fully compliant with IEEE 802.3af standards. When used with a PoE switch or PoE Midspan, it separates PoE from Ethernet data and regulates the PoE high voltage to 12VDC.

It is designed to power Non-PoE IP devices and can provide 12VDC at up to 13W. The Vi22101 is equipped with over current protection to safeguard connected devices and can operate at extended temperature of -40°C to +85°C. It is cost effective and compact in size and fit easily in most camera housings.

The Vi22101 is an ideal solution that provides remote power to non-PoE IP devices to save installation time and cost.



# Technical Specification\*

## Electrical

Ethernet Interface	Standard 10/100Mbps
Power Consumption	Based on input power
Power Input	IEEE 802.3af, Class 3 15.4W
Power Output	12.5V DC @ 1 amp / Class 3 Input 12.5V DC @ 0.5 amps / Class 2 Input
Connections	Input Power: RJ45 Power Out: Press Push +/- Data: RJ45
Status LEDs	PoE: Red 12VDC Output Available: Green
Data Interfaces and Compliances	RFC 768 UDP, RFC 2068 HTTP RFC 793 TCP, RFC 791 IP RFC 1783 TFTP, RFC 894 IP over Ethernet RFC 2544 TCP/IP Packet Transmission
PoE Compatibility	IEEE 802.3af / Class 0,1,2,3

## Mechanical

Dimensions	1.36x2.13x2.91 in., 34.5x54.1x73.9 cm (HxWxL)
Weight	0.25 lb, 115 g

## Environmental

Humidity	0 to 90%, Non-condensing
Temperature	Operating: -40°C to +85°C Storage: -65°C to +150°C

## Regulatory

Safety	CE, FCC
Environmental	RoHS, WEEE

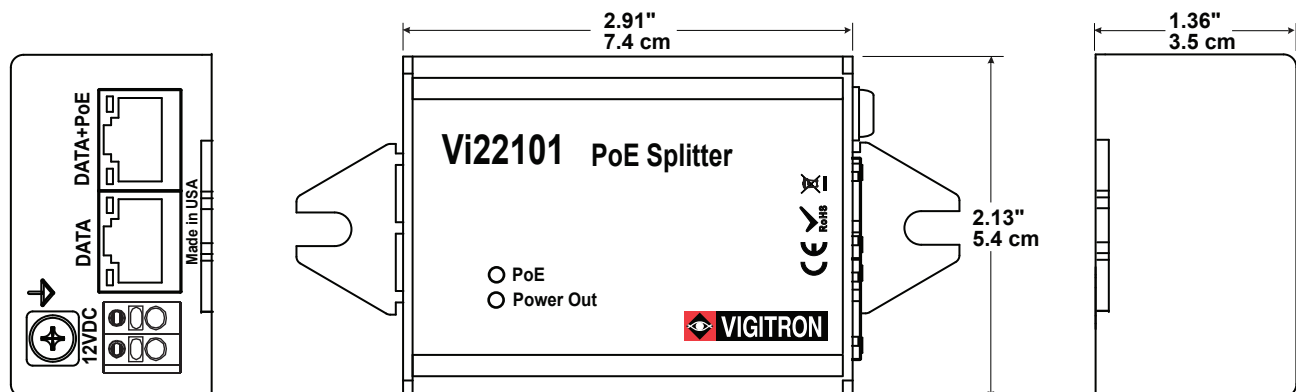
\*Specifications subject to change without notice.

## Ordering Information

PART No.	Description
<b>Vi22101</b>	<b>IEEE 802.3af PoE to +12VDC Splitter</b>

## Vi22101 Distance Chart

PoE Input	Cable	Extender	Distances	Output Voltage	Output Amperage
15.5 Watts	UTP	n/a	328 Ft.	12.5 VDC	1 Amp
15.5 Watts	UTP	Vi2300 Series	2,000 Ft.	12.5 VDC	0.5 Amp
15.5 Watts	Coax	Vi2400 Series	2,000 Ft.	12.5 VDC	0.5 Amp
30 Watts	UTP	n/a	328 Ft.	12.5 VDC	1 Amp
30 Watts	UTP	Vi2300 Series	2,000 Ft.	12.5 VDC	1 Amp
30 Watts	Coax	Vi2400 Series	2,000 Ft.	12.5 VDC	1 Amp



# Application Diagrams

