

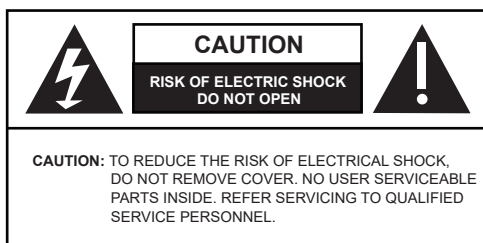
Vigtron's MaxiiPower™ Vi2201 is a high power single port Midspan compliant to IEEE 802.3af/at. It is a cost effective solution for powering a wide range of IP cameras that offers all standard PoE safety features including detection, connection/disconnection and fault protection. With a transmission bandwidth of up to 1Gbps, its application has virtually no bandwidth limitations and interfaces with the highest megapixel cameras.

The Vi2201 includes a built-in power supply and does not require an external power supply. The Vi2201 is compact in size, easy to install and ideal for using in environmental enclosures or other space restricted applications.

The Vi2201 complies with all network transmission standards and is an ideal solution for powering any PoE device that requires high power PoE.

## Important Safety Warning

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Install in accordance with the manufacturer's instructions.
- This installation should be made by a qualified service person and should conform to all local codes.
- DO NOT bundle UTP signal wires in the same conduit as high-voltage wiring.
- To reduce the risk of fire or electrical shock, do not expose these products to rain, moisture, dripping or splashing.
- No objects filled with liquids, such as vases, shall be placed on Vigtron equipment.
- DO NOT install the unit in a place where the operating ambient temperature exceeds 75° C.
- Make sure that the external power supply output voltage is in the recommended range.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as a power supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The mains plug is used as the disconnect device and shall remain readily operable.

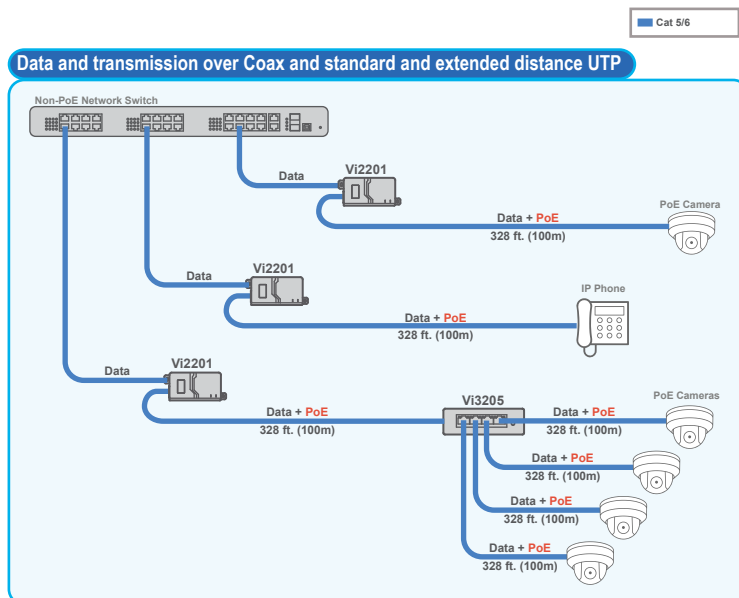


**⚠ WARNING!** - To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. This apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases shall be placed on the apparatus.

**⚠ WARNING!** - This apparatus is a Class I product. This product must be connected to a mains socket outlet through an AC to DC Power supply when using DC input.

**⚠ WARNING!** - The mains plug is used as the disconnect device and shall remain readily operable.

## Application Drawing



The Vi2201 provides PoE compliant to IEEE 802.3at up to 30W for powering different PoE powered devices.

## IP Camera-end Installation

- Connect the UTP cables from the IP camera or other PoE powered device to the "PoE" RJ45 connector of Vi2201. The cable must be a cat5/6 with a maximum length of 100m (328 feet)

## Ethernet Switch/NVR-end Installation

- Connect the UTP Cable (cat5/6) from the Ethernet switch to the RJ45 connector of Vi2201 marked "LAN".
- Connect the UTP Cable (cat5/6) to the RJ45 connector of Vi2201 marked "PoE" to the PoE camera.

The total length of UTP cable from network switch to the powered PoE device should not exceed 100m (328 feet).

The Vi2201 is able to provide total 30W PoE output using its built-in power supply.

- Plug the AC power cord provided with the unit to the mains.

## Technical Specifications\*

### Electrical

Ethernet Interface	Standard 10/100/1000-BaseT
UTP	Category 5 (or higher)
PoE Output	30W @ 53V DC
Input Power	100-240VAC, 50/60Hz
Status LEDs	Power PoE Active
PoE Power Pins	4&5 (+), 7&8 (-)
Connectors	Data: Shielded RJ-45 Data & PoE: Shielded RJ-45 Main Power: IEC 320 C5
Management	Auto PoE Detection

### Regulatory

FCC	Part 15, Subpart B, Class B 2010
Safety	UL, CE
Environmental	RoHS, WEEE

### Environmental

Humidity	0 to 95%, non-condensin
Temperature	Operating: 0°C to +40°C Storage: -10°C to +70°C

### Mechanical

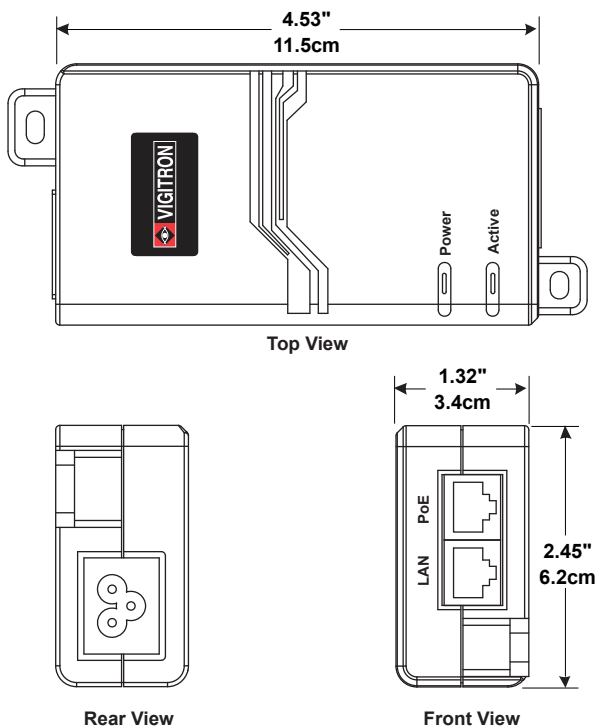
Dimensions	4.53 x 2.45 x 1.32 in., 115 x 62 x 34 mm (LxWxH)
Weight	0.42 lb (190g)
Material	Plastic Case

### Accessories

Molded IEC 7 ft. (200cm) Power Cord (included)

\*Specifications subject to change without notice.

## Drawings



## Status LEDs

LED Name	Color	Status	Function
Power	GREEN	OFF	Power is OFF
		ON	Power is ON
Active	GREEN	OFF	No PoE output
		ON	PoE output is enabled

## Ordering Information

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#### Part No. Description

<b>Vi2201</b>	Single Port IEEE 802.3at, 30W PoE Midspan
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### Related Products

#### Part No. Description

<b>Vi22401</b>	Single port 60W PoE Midspan
<b>Vi22101</b>	Single port 90W PoE Midspan

## Limited Lifetime Warranty

Vigitron, Inc. warrants that all Vigitron products ("Product"), if used in accordance with these instructions, will be free of defects in material and workmanship for lifetime defined as the duration period of time until product end of life is announcement. After which Vigitron will continue to provide warranty services for a period of 3 years. Period covering valid warranty will be determined by proof of purchase in the form of an invoice from an authorized Vigitron dealer.

Warranty will only be provided for as long as the original end user purchaser owns the product. Warranty is not transferable. At Vigitron's option, defective product will be repaired, replaced or substituted with a product of equal value. This warranty does not apply if, in the judgment of Vigitron, Inc., the Product fails due to damage from shipment, handling, storage, accident, abuse or misuse, or if it has been used or maintained not conforming to Product manual instructions, has been modified, or serial number removed or defaced. Repair by anyone other than Vigitron, Inc. or an approved agent will void this warranty. Vigitron, Inc. shall not under any circumstances be liable to any person for any incidental, indirect or consequential damages, including damages resulting from use or malfunction of the product, loss of profits or revenues or costs of replacement goods. The maximum liability of Vigitron, Inc. under this warranty is limited to the original purchase price of the Product only.

