

Features

- Single port IEEE 802.3af/at/60W PoE compliant for 10/100/1000 Base-T networks
- Built-in 65W universal power supply
- Delivers up to 60W for high power applications
- Automatically senses PD power class and single or dual PD devices.
- Complies with 802.3 safety standards for automatic detection and over-current protection
- Cold Start: -20°C
- Operating Temperature: -40°C to +50°C
- Built-in PoE surge protection
- Compliant to PTZ domes and high PoE cameras requiring up to 60W power
- Provides high data rate and power for Megapixel IP camera applications
- Tested to RFC 2544 packet transmission standards
- Compact design
- Limited lifetime warranty



Applications

- Local PoE source for high power IP cameras
- Cost effective solution for applications using non-PoE network switch
- Powering all types of PoE powered IP equipment
- Powers PTZ domes and LED Lighting requiring 60W

Vigitrone's MaxiiPower™ Vi22401 is a high power single port Midspan compliant to IEEE 802.3af/at 60W. 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 Vi22401 provides 60W for both single and dual PD systems compliant to 802.3af, 802.3at, and 60W current and proposed standards.

The Vi22401 includes a built-in power supply and does not require an external power supply. It is compact size, easy to install and ideal for using in environmental enclosures or other space restricted applications. Wide operating temperature range meets requirements for outdoor operation in weatherproof enclosures.

The Vi22401 complies with all network transmission standards and is an ideal solution for powering any PoE device that requires high power and can service a variety of PoE devices providing Class 3, 4, and 60W at various extended distances.

Technical Specification

Electrical

| | |
|--------------------|--|
| Ethernet Interface | Standard 10/100/1000 BaseTX |
| UTP | Category-5 (or higher) |
| Output Power | 60W @ 54VDC |
| AC Input Power | 90-264VAC, 50-60 Hz |
| PoE Standards | 802.3af 802.3at PoE++ up to 60W |
| Status LEDs | Power: Green LED PoE On: Green |
| Connectors | Input Interface: Shielded RJ-45 Output Interface: Shielded RJ-45 Main Power: IEC 320-C14 inlet |

Ordering Information

| Part No. | Description |
|----------|---------------------------------------|
| Vi22401 | Single port High-Power PoE ++ Midspan |

Regulatory

| | |
|---------------|------------|
| Safety | CE |
| Environmental | RoHS, WEEE |

Environmental

| | |
|-------------|---|
| Humidity | 0 to 90%, non-condensing |
| Temperature | Cold Start: -20°C Operating: -40°C to +50°C Storage: -40°C to +85°C |

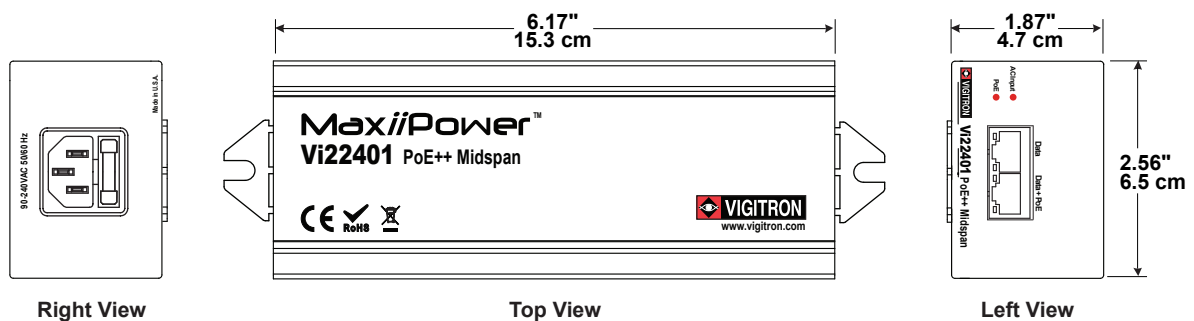
Mechanical

| | |
|------------|---|
| Dimensions | 1.87x2.56x6.17 in., 4.7x6.5x15.3 cm (HxWxL) |
| Weight | 0.95 lb (430 g) |
| Material | Extruded Aluminum |

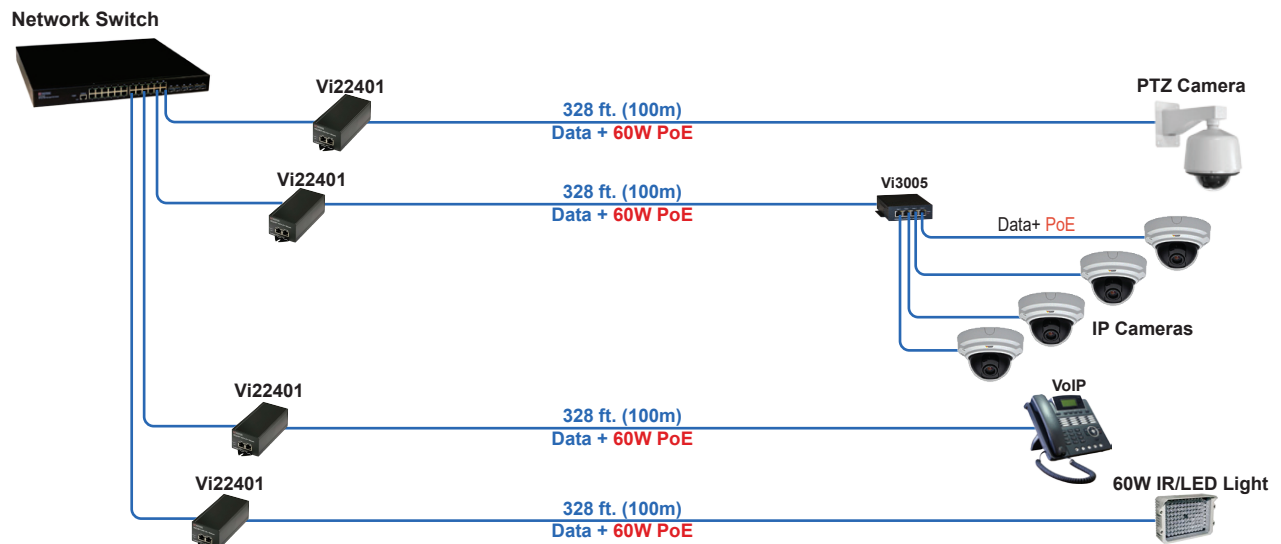
Included Accessories

Molded IEC 7 ft. (200 cm) power cord

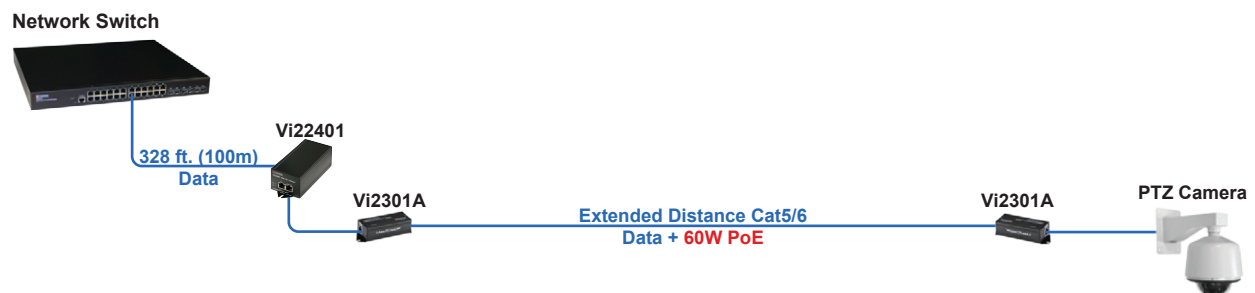
*Specifications subject to change without notice.



Application Diagrams



The Vi22401 can provide up to 60W PoE power to high power IP cameras or other PoE devices.



The Vi22401 can send up to 60W PoE power to high power IP cameras at long distances using Vigitron Ethernet and PoE extenders.