VOLKTEK

GPI-431

PoE Injector

Gigabit Ultra PoE 60W Injector with PD detection

RoHS CE FC

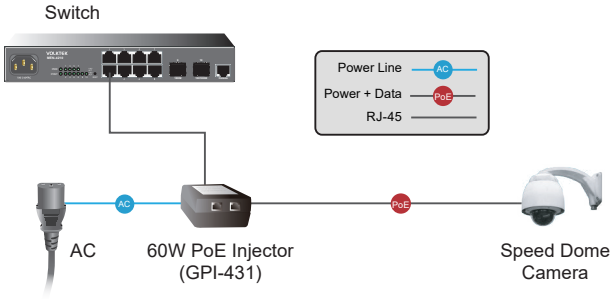
Description

The GPI-431 is a Gigabit Ultra PoE Injector provides maximum of up to 60W power twice as much as conventional PoE+ injectors with Gigabit data connectivity. The Injector combines power and data, delivers them to the power hungry devices over single Ethernet cable, without any need of external power source. By configuring with Ultra PoE for 60W power, the injector can easily connect to the high-powered devices such as Wireless AP, Pan-Tilt-Zoom (PTZ) IP Cameras, Dome Cameras, Televisions, Interactive Display, Point of Sales (POS), Information Kiosks, Thin Client and other high power Ethernet end terminals.

Well operable in the operating temperature 0°C~40°C, the device can easily plug-n-play without any software configuration, more suitable for different challenging environment application. To protect the device from internal damage due to heavy power fluctuation, GPI-431 is configured with various safety features such as over current protection and circuit shorting protection. Addition to its beneficial features, the rich diagnostic LEDs on the front panel provide the PoE Link and PoE power budget limit status, easy for monitoring and faster trouble shooting.

Key Features

- One port 10/100/1000Base-T 4-Pair PoE (Power/Data) for connection to the PoE device (PD)
- Automatic detects if the connected device is PoE enabled to avoid sending power to a non-PoE device
- Complies with IEEE802.3, 802.3u, 802.3ab, 802.3af, 802.3at standards
- Supports 4-Pair PoE 60W power delivery
- IEEE 802.3af/at backward compatible
- Supports 10/100/1000Base-T LAN environment
- Supports Full-Range (100~240V AC) Internal power supply
- No Fan, Natural cooling, Small size, no noise design
- CE/FCC Compliance



Specifications

No. of Data Ports	1 port 10/100/1000Mbps RJ45
No. of PoE PSE Ports	1 port 60W PoE
Pin Assignment and Polarity	1/2(-), 3/6(+), 4/5(+), 7/8(-)
Output Power Voltage	56V DC Max.
User Port Power	60W Max.
Input Power Voltage and Frequency	100-240V AC, 50 to 60 Hz
Dimensions	180 x 71 x 37 mm
Weight	530 g (1.17 lb)
Indicators	Mode A, Mode B, Power
Operating Ambient Temperature	0°C~40°C (32°F~104°F)