

# High Power Gigabit PoE Injector PI-101GAI

Wide Working Temperature of 0 ~ 70°C

IEEE 802.3at/af standard



## Product Overview

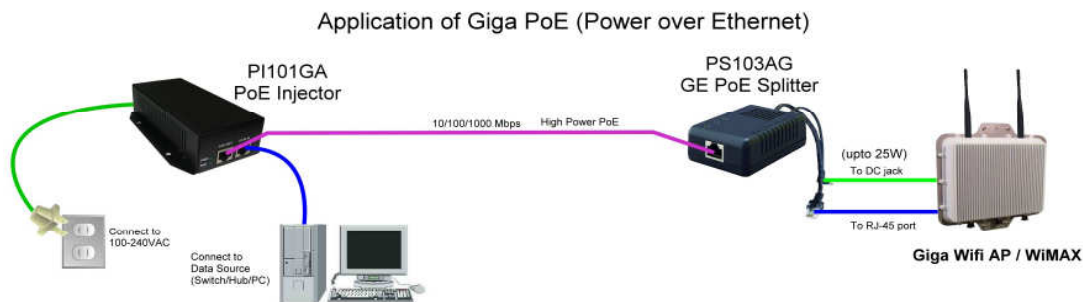
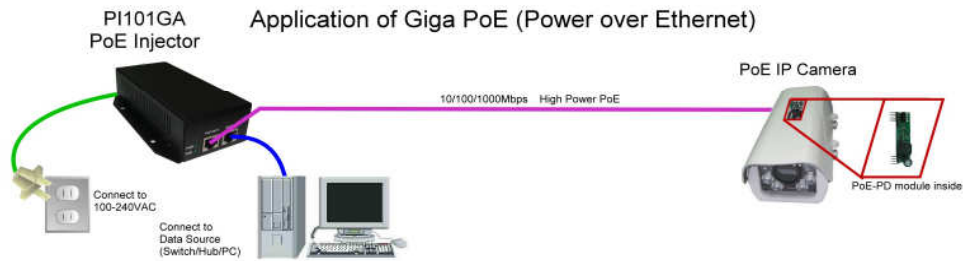
PI-101GAI is a single port, high-power PoE PSE solution for remote Gigabit Ethernet PoE PD devices. Providing up to 30W with metal housing, PI-101GAI supplies remote power for new applications such as wireless Access Points, Pan-Tilt-Zoom (PTZ) IP cameras and video-phones. It complies to IEEE 802.3at PoE standard detection with 2-Event Classifications, and is backward compatible to IEEE802.3af. It works with 10/100/100Base-T networking devices such as Wi-MAX and IEEE 802.11n wireless access points.

## PI-101GAI Features

- Max. 30W of PoE Power Feeding on 2-pairs
- IEEE 802.3at Compliant with 2-Event Classification
- IEEE 802.3af backward compatible
- Compatible with IEEE 802.3af or Legacy PoE applications
- Supports 10/100/1000Base-T LAN environment
- Auto Detection and Protection of Non-standard Ethernet Terminals
- Over-Voltage, Over-Current, Over-Temperature Protections for Safe and Reliable Power
- LED Brinking Status: PoE Under Detection
- Metal Housing for Thermal Diffusing
- Rack mounted for easy installation
- Wide Operating Temperature: 0°C~70°C



## Application Diagram



Specifications	
No. of PoE PSE Ports	1
Pass Through Data Rates	10/100/1000Base-T
Power over Ethernet Output	
Pin Assignment and Polarity	1/2 (+), 3/6 (-)
Output Power Voltage	54 VDC Maximum
User Port Power	30 Watts Maximum
Requirements AC Input Current	0.8A @ 100-240 VAC
AC Frequency	50 to 60 Hz
Dimensions	90 mm x 40 mm x 142 mm
Weight	480g
LED Indicators	Power(Green), PoE (Amber)
Connectors	RJ-45
Environmental Conditions	
Operating Ambient Temperature	0 to 70°C
Regulatory	IEEE 802.3at/af, RoHS Compliant, CE/FCC
Safety Approvals	EN 60950:2006

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