

Technical Specifications

No. of Channels	8
Pass Through Data Rates	10/100/1000 Mbps half/full duplex
Power over Ethernet Output	Pin Assignment and Polarity: Both 1/2 (-), 3/6 (+)
Output Power Voltage	50V DC Output Power: up to 125W total (15.4W under 802.3af per port)
Input Power Requirements	AC 100-240V input, 0.5A AC frequency: 50-60Hz
Connectors	Shielded RJ-45, EIA 568A and 568B
Safety	overload, overcurrent and overvoltage protection, EMI protection
Dimensions	185mm x 341mm x 44mm
Mounting	1RU, 19" rack mountable
Environmental Conditions	Operating Ambient Temperature: -10 to 40°C Operating Humidity: Maximum 85%, Non-condensing Storage Temperature: -30 to 70°C Storage Humidity: Maximum 95%, Non-condensing Indoor rated operating device
PoE compliance	IEEE 802.3af (PoE), IEEE 802.3at (PoE+)

8 channels Gigabit PoE Injector (15W/port)

802.3af compatible

8INJ-GE-125R



User Manual

High Power Gigabit Power-over-Ethernet Injector

Order Information

8INJ-GE-125R Gigabit PoE Injector 8(Data IN) and 8(Data/PoE OUT)
125W total power

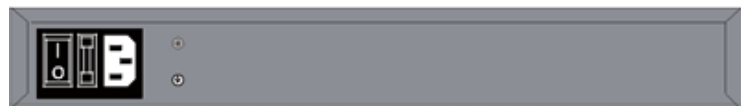
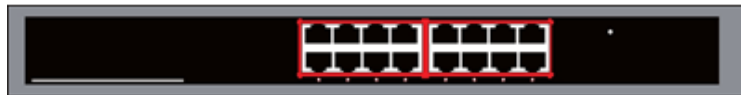
Description

The 8INJ-GE-125R PoE Injector is an eight port mid-span PoE injector that offers a cost effective, fully IEEE 802.3af compliant solution for remote powering of wireless LAN (WAN) access points, IP Security cameras, VoIP telephone and other PoE PD equipment.

The 8INJ-GE-125R injector supports 802.3af standard, delivering a maximum of 125W of power. It has a 3 pin IEC C14 plug for AC main input (90-240V) and comes with a standard C13 power cord in the package.

Features

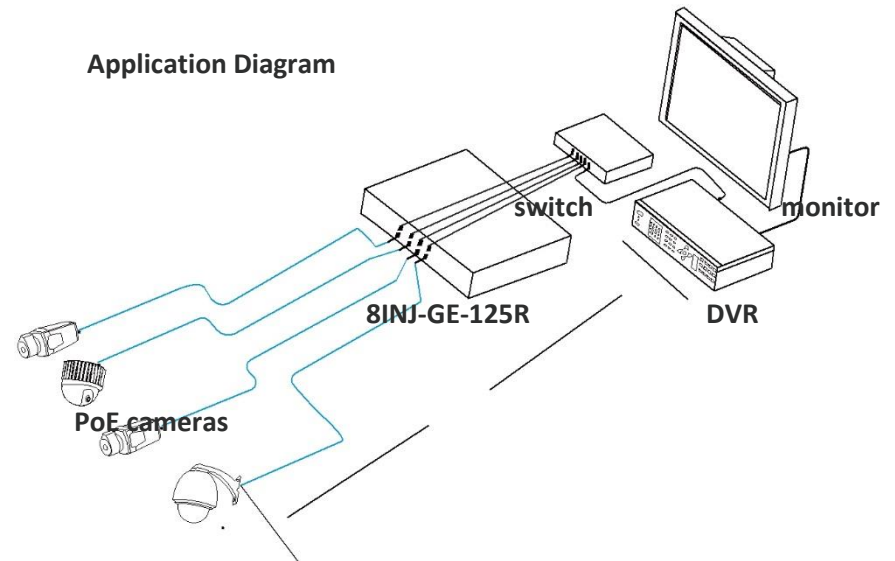
- Up to 15.4W of PoE Power delivered on 2-pairs on each port
- Supports 10/100/1000 Base-T applications
- LED indicators for AC power input and PoE power output
- Internal AC/DC built-in converter for compact design
- Easy plug-and-play installation
- Multi-protection following the IEEE 802.3af standards
- Gigabit full-rate network throughput
- 19" Rack-Mountable design (1RU)



PWR: Power LED - a steady green light indicates that the PoE injector receives 100-240V AC power input

PoE-in-use (each port): PoE LED - a steady yellow light indicates that the PoE Injector delivers power to PD

Application Diagram



The 8INJ-GE-125R PoE Injector is used with various PD (powered devices) providing power in remote locations where no power lines or outlets are available. Examples of PD PoE powered devices are WiFi APs, IP Cameras, IP Phones, etc.

Installation steps:

1. Connect a Cat5e UTP cable from switch or data port to a DataIN port on the 8INJ-GE-125R injector
2. Connect a Cat5e UTP cable from corresponding port on 8INJ-GE-125R injector to final PD equipment (IP camera, etc.)
3. Connect AC power cord to AC mains.