

RP-PGJ159 **Gigabit 802.3bt 90W PoE Injector**

RP-PGJ159 is a single port, IEEE 802.3bt 60w / 90w PoE PSE solution for remote PoE PD devices. Generating up to 60W / 90W through CAT5 or CAT6 4 pair UTP cable, it increases flexibility in the positioning of a PoE enabled device by eliminating for a nearby power source.

RP-PGJ159 supplies remote power for new applications such as wireless Access Points, pan-tilt-zoom (PTZ) IP cameras, lighting, Panel display for digital signage and video-phones. It complies to IEEE 802.3bt PoE++ standard to deliver 60w / 90w on both end-point and mid-span pairs with a total power of 60w / 90w PoE output. It can work with 10/100Base-T networking devices and emerging 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n access points.

The RP-PGJ159 is plug-and-play without any software configuration. Its metal housing design is more suitable for different environment application. Over current protection and circuit shorting protection are also supported to ensure the safety.



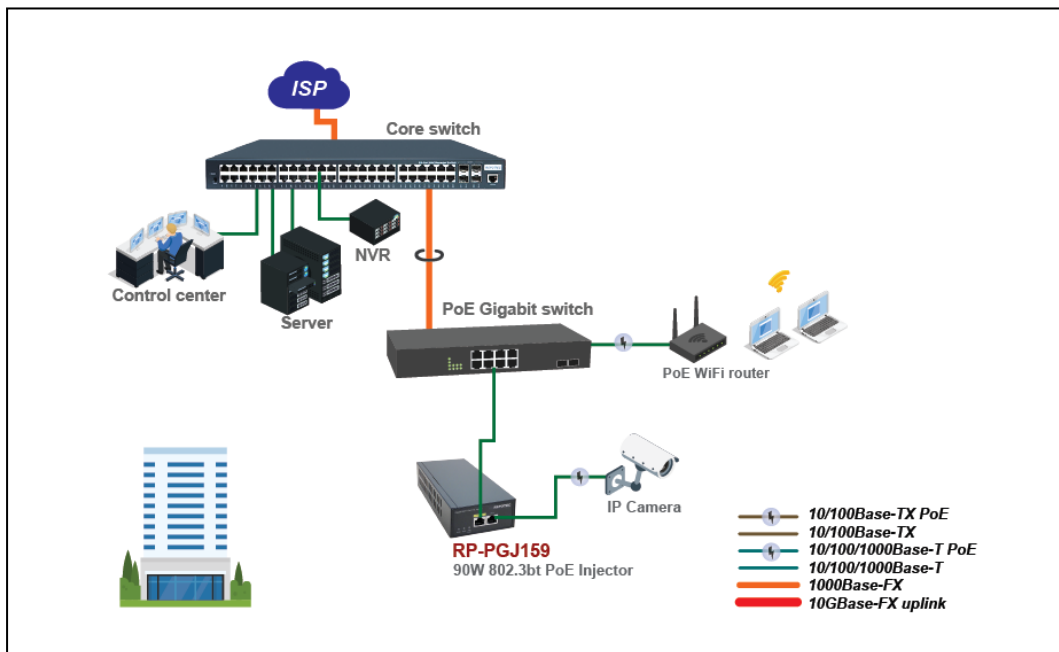
Feature

- One port 10/100/1000 (Data) for connection to the Ethernet Switch
- One port 10/100/1000 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, 802.3bz, 802.3af, 802.3at, 802.3bt standards
- Supports Full-Range (100~240VAC) Internal power supply
- Fanless, Metal case, Small size, no noise

Specification

Standard	<ul style="list-style-type: none"> ● IEEE 802.3 10Base-T Ethernet ● IEEE 802.3u 100Base-TX Fast Ethernet ● IEEE 802.3ab 1000Base-T Gigabit Ethernet ● IEEE 802.3bt/at/af Power over Ethernet
Interface	<ul style="list-style-type: none"> ● 1 x 4-Pair PoE PSE 10/100/1000Mbps RJ-45 port (Power/Data Out) ● 1 x 10/100/1000Mbps RJ-45 port (Data In)
Data Rates	● 10/100/1000Mbps
PoE Power Budget	● 90Watt @56V via 4-pair PoE
PoE Pin Assignment	<ul style="list-style-type: none"> ● Mode A (End-Span): 1/2 (-), 3/6 (+) ● Mode B (Mid-Span): 4/5 (+), 7/8 (-)
Power Supply	● Internal power 100~240VAC input, 50~60Hz, 56V
LED Indications	● Power, Mode A, Mode B
Installation	● Wall-mount and Desktop, Metal case
Environmental	<ul style="list-style-type: none"> ● Operating Temperature: 0~40°C ● Storage Temperature: -10~70°C ● Operating Humidity: 20%~95% (Non-condensing)
Dimensions	● 159 x 76.5 x 39mm (L x W x H)
Certification	● FCC, CE, LVD

Application



Ordering Information

RP-PGJ159 Gigabit 802.3bt 90W PoE Injector

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