RP-PGJ059

Gigabit Mega 95W PoE Injector

The RP-PGJ059 Gigabit Mega PoE Injector provides a maximum of up to 95-watt power and Gigabit data connection anywhere in your network infrastructure. This equipment injects DC power through CAT5 or CAT6 4 pair UTP cable, this increases flexibility in the positioning of a PoE enabled device by eliminating for a nearby power source. it supports the PoE+ (802.3af 15.4W & 802.3at 30W) standard and Mega PoE 95W power to connected PD devices. It can easy connect 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 with 95W of power..

The device is plug-and-play without any software configuration. It supports 0°C ~50°C operating temperature and metal housing design that more suitable for different environment application. The rich diagnostic LEDs on the front panel provide the PoE Link and PoE power budget limit status. Over current protection and circuit shorting protection are also supported to ensure the safety.
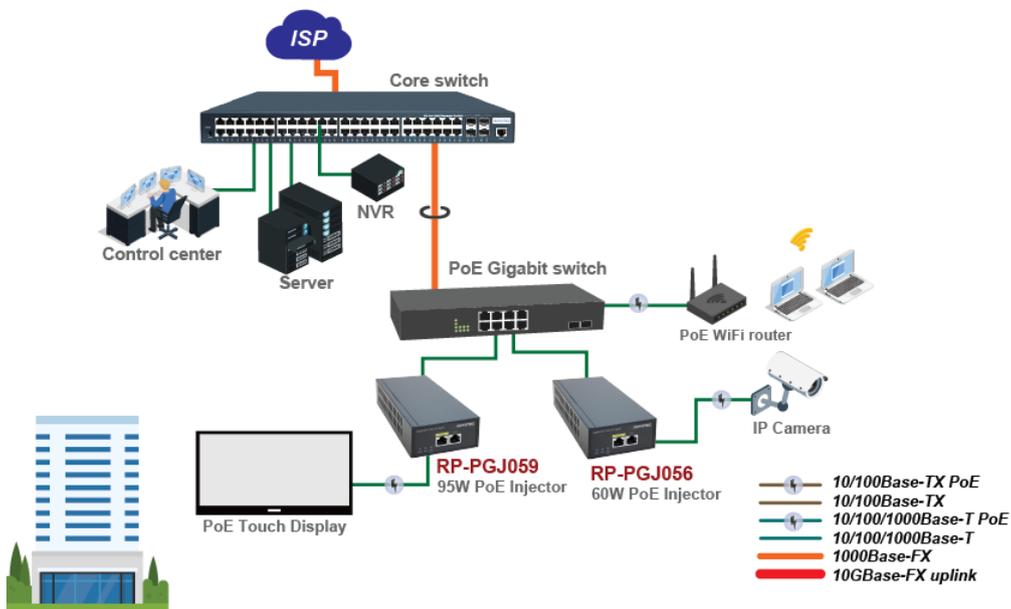
Features

- One port 10/100/1000 Base-T (Data) for connection to the Ethernet Switch
- One port 10/100/1000 Base-T PoE (Power/Data) for connection to the PoE device (PD)
- Supports Auto-Negotiation
- 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, 802.3bt standards
- Supports Mega PoE 90W power delivery
- Supports 802.3af (15.4W) and 802.3at (30W) PoE Power Output
- Supports one PoE Link and one PoE power budget limit LEDs
- Supports one GND screw
- Supports Full-Range (100~240VAC) Internal power supply
- Fanless design, Metal cabinet
- ESD IEC61000-4-2 Contact +/-4KV, Air +/-8KV
- EFT IEC61000-4-4 Power 2KV, LAN 1KV
- Surge IEC61000-4-5 Cable to Cable & Cable to GND Level3 2KV

Specifications

Standard	● IEEE 802.3 10Base-T Ethernet ● IEEE 802.3u 100Base-TX Fast Ethernet ● IEEE 802.3ab 1000Base-T Gigabit Ethernet ● IEEE 802.3af Power over Ethernet ● IEEE 802.3at Power over Ethernet
Interface	● 1 x 90W PoE 10/100/1000Mbps RJ-45 port (Power/Data Out) ● 1 x 10/100/1000Mbps RJ-45 port (Data In)
Ethernet Data Rates	● 10/100/1000Mbps
Input Power	● 100~240VAC input, 47~63Hz
Output Power	● 54VDC, 95Watt
Pin Assignment	● 1/2 (+), 3/6(-), 4/5(V+), 7/8(V-)
LED Indications	● Power (Green) ● PoE Link (Green) ● PoE Limit (Green)
Environmental	● Operating Temperature: 0~50°C ● Storage Temperature: -20~70°C; ● Operating Humidity: 10%~90% (Non-condensing)
Dimensions	● 165 x 87 x 43mm (L x W x H)
Certification	● FCC, CE, LVD

Application

Ordering Information

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