

## RP-PGS029A

### Gigabit 802.3bt 4-Pair PoE++ 90W Splitter

The RP-PGS029A Gigabit 4-Pairs PoE Splitter is a High Power PoE Splitter. Which can split 48~56VDC over the existing Ethernet cable into selectable output power 12VDC or 24VDC power output.

It complies with IEEE 802.3af, 802.3at & 802.3bt standards.

RP-PGS029A supports up to 95-watt maximum 4-Pair PoE and split power to the powered device. The RP-PGS029A is designed to operate under the temperature range from 0 to 45°C.

It can power devices such as Digital Signage, PoE LED Lighting, POS, WiFi Access-Point, Thin-Clients, PTZ IP Cameras and more.

The device is plug-and-play without any software configuration. It equipped with the slide switch on the front panel, for easily select the 12VDC or 24VDC power output, highly increase the flexibility of product applications.



## Features

- 1 port 10/100/1000 Base-T (Data) for connection to the power device (IP Cameras or WiFi AP)
- 1 port 10/100/1000 Base-T PoE (Power/Data) for connection to the PoE Injector
- 2 DC output (4-pin Terminal Block)
- Supports PoE auto detection for 802.3af, 802.3at and 802.3bt 4-Pair PoE
- Supports 802.3bt (90W/75W/60W/45W), 802.3at (30W), 802.3af (15W) PoE Connection.
- Supports PoE type 1~4, Class 1~8. Fully class mode.
- Splits the 48~56VDC power over RJ-45 Ethernet cable into DC 12V or 24V
- Automatic detects if the connected device is PoE enabled to avoid sending power to a non-PoE device
- Provides +12VDC/5.9A or +24VDC/2.95A at 25°C PoE Class 8 90W maximum power input
- Supports one Power LED, one 12V power output LED and one 24V power output LED.
- Metal Housing, Fanless
- 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

<b>Standard</b>	<ul style="list-style-type: none"><li>• IEEE 802.3 10Base-T Ethernet</li><li>• IEEE 802.3u 100Base-TX Fast Ethernet</li><li>• IEEE 802.3ab 1000Base-T Gigabit Ethernet</li><li>• IEEE 802.3af Power over Ethernet</li><li>• IEEE 802.3at Power over Ethernet</li><li>• IEEE802.3bt Power over Ethernet</li></ul>
<b>Interface</b>	<ul style="list-style-type: none"><li>• 1 x PoE+ 10/100/1000Mbps RJ-45 port</li><li>• 1 x 10/100/1000Mbps RJ-45 port</li><li>• 1 x 4-pin DC terminal block</li></ul>
<b>Ethernet Data Rates</b>	<ul style="list-style-type: none"><li>• 10/100/1000Mbps</li></ul>
<b>Input Power</b>	<ul style="list-style-type: none"><li>• 48~56VDC</li></ul>
<b>Output Power</b>	<ul style="list-style-type: none"><li>• DC 12V or 24V</li></ul>
<b>LED Indications</b>	<ul style="list-style-type: none"><li>• Power (Green)</li><li>• +12VDC power output (Green)</li><li>• +24VDC power output (Green)</li></ul>
<b>Environmental</b>	<ul style="list-style-type: none"><li>• Operating Temperature: 0~45°C</li><li>• Storage Temperature: -20~70°C;</li><li>• Operating Humidity: 10%~90% RH (Non-condensing)</li><li>• Storage Humidity: 5%~90% RH</li></ul>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• 149 x 84 x 26mm (L x W x H)</li></ul>
<b>Certification</b>	<ul style="list-style-type: none"><li>• FCC, CE, LVD</li></ul>

## Ordering Information

**RP-PGS029A** Gigabit 802.3bt 4-Pair PoE++ 90W Splitter