

## RP- PEG18ST

### Gigabit 802.3at Adjustable output PoE Splitter

The Power over Ethernet splitter has 4 segment power output (5/ 9/ 12/18V), it is designed to supply operational power to surveillance cameras and wireless LAN devices such as access points, bridges and routers. It enable power current to travel on the Ethernet network cable, thus eliminates the need to directly connect a power supply to the wireless LAN device.

When used in a Power over Ethernet network, RP-PEG18ST takes the power sent over the Cat.5 cable from the PSE (Power Sourcing Equipment) and delivers it to the non-PoE network device for easy and flexible installation. This splitter can work with RP-PEG048I injector as PoE kits to delivery power and data over Cat 5/5e cable to the Non-PoE network devices.



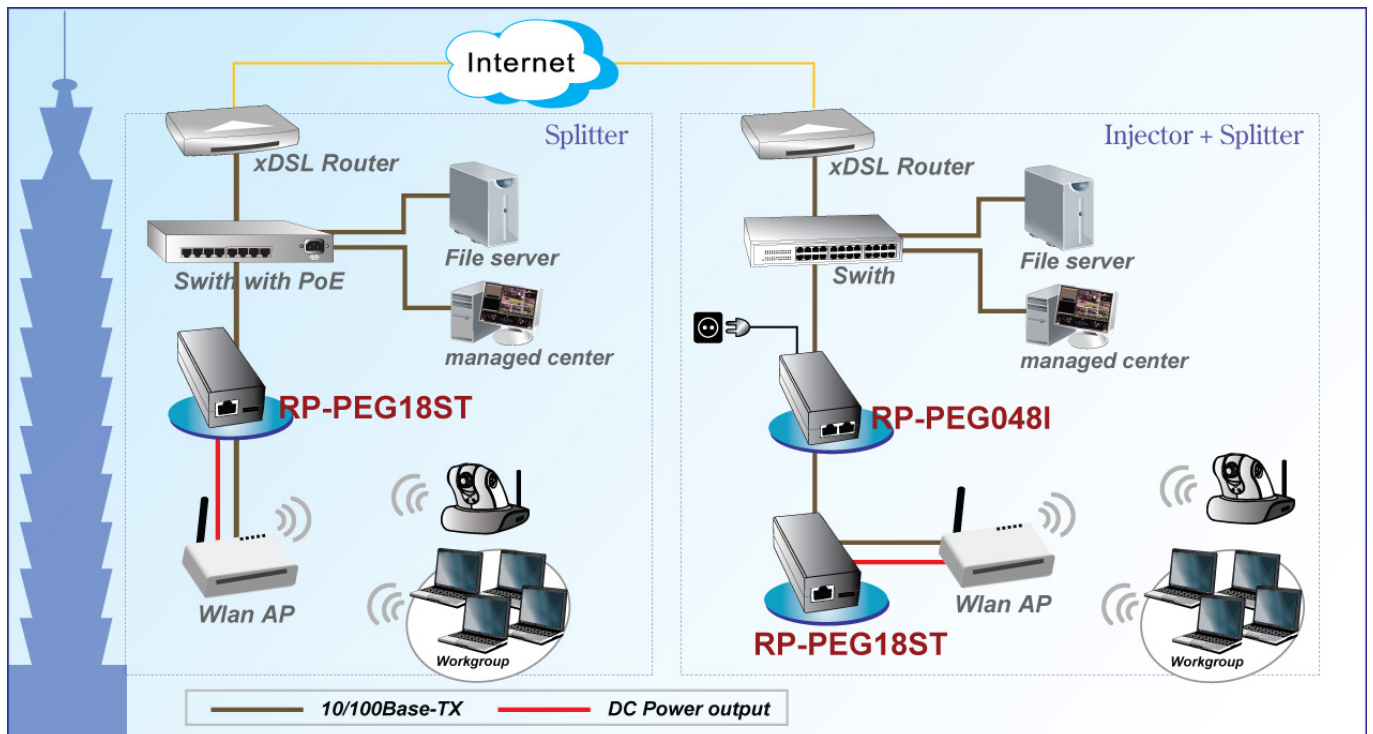
## Features

- Convey power and data to your LAN equipment through Ethernet cable
- Standard IEEE802.3at/af
- Support 5V, 9V, 12V, 18V output adjustable
- Regulate output voltage by switch
- Delivering power and data to equipment
- Support Gigabit Ethernet
- Additional +/- 15KV of Ethernet isolation for ESD/Surge Protection

## Specifications

<b>Standard</b>	<ul style="list-style-type: none"> <li>• IEEE802.3, 10BASE T/1000BASE-T</li> <li>• IEEE802.3u,100BASE-TX</li> <li>• IEEE802.3at, IEEE802.3af, Power over Ethernet</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• one RJ-45: Data and Power in</li> <li>• one RJ45: Data out</li> <li>• DC jack: Power out</li> <li>• DIP switch: 5v,9v,12v,18v Switch</li> </ul>
<b>Transmission Media</b>	<ul style="list-style-type: none"> <li>• RJ-45 (10/100BASE-T): Cat.3, 4, 5 UTP/STP</li> <li>• RJ-45 (1000BASE-T): Cat.5, 5e, 6,7 UTP/STP</li> </ul>
<b>Power Pin Assignment</b>	<ul style="list-style-type: none"> <li>• 1/2 (+), 3/6(-), 4/5(V+) , 7/8(V-)</li> </ul>
<b>DC jack Diameter</b>	<ul style="list-style-type: none"> <li>• 5.5*2.1*12 mm</li> </ul>
<b>PoE Power Output</b>	<ul style="list-style-type: none"> <li>• Total output 30W max.</li> </ul>
<b>LED Indicators</b>	<ul style="list-style-type: none"> <li>• System power (green)</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• 30W per PoE port</li> </ul>
<b>Surge Protection</b>	<ul style="list-style-type: none"> <li>• +/-15KV.</li> </ul>
<b>Power Input</b>	<ul style="list-style-type: none"> <li>• DC 48V</li> </ul>
<b>Environmental</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: 0~40°C</li> <li>• Operating Humidity: 0%~90% (Non-condensing)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 102*42*27 mm</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## Application



## Ordering information

**RP-PEG18ST** Gigabit 802.3at Adjustable output PoE Splitter