

## RP-PEG5T/4B

### 5-P Gigabit Ethernet Switch, w/ 4 802.3at PoE

RP-PEG5T/4B is 5-port 10M/100/1000M Ethernet Switch with one uplink port + 4 ports of Power over Ethernet. Per PoE port provides up to 30 Watts power to PoE supported devices

It is an ideal solution for most office users that have PoE enabled devices located around the office. The device can include a mixture of PoE IP Phones, PoE wifi APs and PoE IP Cam. It is the perfect answer for offices that are upgrading their office equipment and LAN infrastructure to include PoE capability. In addition, over current protection and circuit shorting protection are also supported to ensure the power supply safety.

RP-PEG5T/4B supports plug-and-play without any software to configure and is also fully compliant with all kinds of network protocols. The Switch enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, packet error filtering and non-blocking packet forwarding. Moreover, its rich diagnostic LEDs on the front-panel provides the clear operating status of individual port and whole system.



## Feature

- Comply with IEEE 802.3af/at PoE standard
- Powered Device(PD) Detection
- Support 30W maximum per PoE port
- MAC Address:1K
- Buffer Memory: 128KB Features
- Transmission Method: Store and Forward
- Backplane: 10Gbps
- PoE power budget: 65W (RP-PEG5T/4B) or 120W (RP-PEG5T/4B-120W)

## Specification

<b>Standards</b>	<ul style="list-style-type: none"><li>• IEEE 802.3 10 BASE-T</li><li>• IEEE 802.3u 100 BASE-TX</li><li>• IEEE 802.3ab 1000Base-T</li><li>• IEEE 802.3af/at Power Over Ethernet</li></ul>
<b>Interface</b>	<ul style="list-style-type: none"><li>• 4 x 10/100/1000Mbps RJ-45 ports</li><li>• 1 x Uplink Port</li></ul>
<b>MAC Address</b>	<ul style="list-style-type: none"><li>• 1K</li></ul>
<b>Buffer Memory</b>	<ul style="list-style-type: none"><li>• 128KB</li></ul>
<b>Transmission Method</b>	<ul style="list-style-type: none"><li>• Store and Forward</li></ul>
<b>Backplane</b>	<ul style="list-style-type: none"><li>• 10Gbps</li></ul>
<b>Filtering/Forwarding Rates</b>	<ul style="list-style-type: none"><li>• 1000Mbps port - 1,488,000pps</li><li>• 100Mbps port - 148,800pps</li><li>• 10Mbps port - 14,880pps</li></ul>
<b>Transmission Media</b>	<ul style="list-style-type: none"><li>• 10BaseT Cat. 3, 4, 5 UTP/STP</li><li>• 100BaseTX Cat. 5 UTP/STP</li><li>• 1000BaseTX Cat. 5E/6/7 UTP/STP</li></ul>
<b>PoE Specification</b>	<ul style="list-style-type: none"><li>• PD classification identify</li><li>• PoE over current protection</li><li>• PoE circuit sorting protection</li><li>• PoE power on RJ-45 pin 1,2 for power + / pin 3,6 for power –</li></ul>
<b>LED Indicators</b>	<ul style="list-style-type: none"><li>• Power, Uplink , LAN1~4 port , PoE 1~4 port</li></ul>
<b>PoE Power Budget</b>	<ul style="list-style-type: none"><li>• 30W per PoE port</li><li>• Total Power for PoE 65W (RP-PEG5T/4B) or 120W (RP-PEG5T/4B-120)</li></ul>
<b>Power Supply</b>	<ul style="list-style-type: none"><li>• External Power Adapter 100~240VAC, 50/60 Hz, 56V</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>• Operating temperature : 0°C to 50°C</li><li>• Operating Humidity:10% to 90% (Non-Condensing)</li></ul>
<b>Dimension</b>	<ul style="list-style-type: none"><li>• 120 x 28 x 90mm (WxHxD)</li></ul>
<b>Certification</b>	<ul style="list-style-type: none"><li>• FCC, CE</li></ul>

## Ordering information

<b>RP-PEG5T/4B</b>	5-P Gigabit Ethernet Switch, w/ 4 802.3at PoE (65W)
<b>RP-PEG5T/4B-120</b>	5-P Gigabit Ethernet Switch, w/ 4 802.3at PoE (120W)