

## RP-PG081W

### **8-P Gigabit Web-Smart PoE+ Switch W/ 1-SFP(100/1G)**



The RP-PG081W series, the next generation web smart managed switch, provides a reliable infrastructure for your business network. The switch delivers more easy-to-use features you need to manage your business network, protects your sensitive information, and optimizes your network bandwidth to deliver information and applications more effectively. With PoE (Power over Ethernet) function built in, it provides the ideal combination of affordability and capabilities for entry level networking of a small business or a branch office of an enterprise which demands IP Phone, IP Camera or Wireless applications, thus helps you to create an efficient, flexible and easier-connected workforce.

## Features

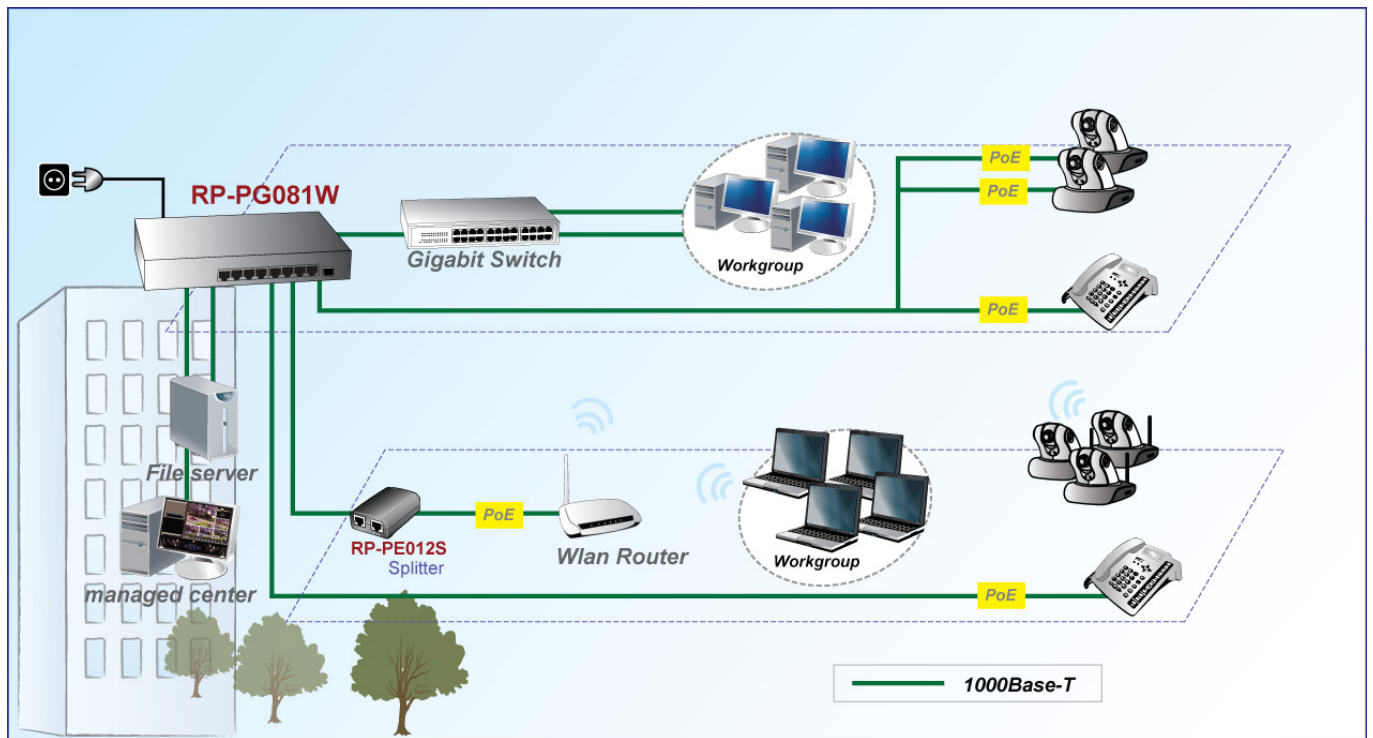
- Web smart features provide easier manageability, security, QoS, and performance
- Supports SNMPv1/v2c for management
- Supports Loop detection for maintenance
- Supports PoE Port configuration and scheduling
- Supports 802.3at high power PoE plus standard
- Supports (IEEE802.3az EEE Energy Efficient Ethernet standard) for green Ethernet application
- Provides reset button for recovery and maintenance

## Specifications

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3 10Base-T Ethernet</li> <li>• IEEE 802.3u 100Base-T Ethernet</li> <li>• IEEE 802.3ab 1000Base-T Ethernet</li> <li>• IEEE 802.3z 1000Base-X Ethernet</li> <li>• IEEE 802.3at/af PoE Standard</li> <li>• IEEE802.3az Energy Efficient Ethernet</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• Port 1-8 10/100/1000Mbps RJ-45 Auto-Negotiation and Auto-MDIX</li> <li>• Port 9 100/1G SFP slot</li> <li>• Reset button</li> </ul>
<b>Jumbo frames</b>	<ul style="list-style-type: none"> <li>• Frame sizes up to 9KB supported on Gigabit interfaces</li> </ul>
<b>MAC Table</b>	<ul style="list-style-type: none"> <li>• Up to 8K MAC addresses</li> </ul>
<b>Trunking</b>	<ul style="list-style-type: none"> <li>• Static trunk (Link Aggregation) <ul style="list-style-type: none"> <li>- Up to 4 groups</li> <li>- Up to 9 ports per group</li> </ul> </li> </ul>
<b>Spanning Tree Protocol</b>	<ul style="list-style-type: none"> <li>• Standard Spanning Tree 802.1d</li> <li>• Rapid Spanning Tree (RSTP) 802.1w</li> </ul>
<b>VLAN</b>	<ul style="list-style-type: none"> <li>• Supports up to 16 VLANs simultaneously (out of 4096 VLAN IDs) <ul style="list-style-type: none"> <li>- 802.1Q tag-based VLAN</li> <li>- Port-based VLAN</li> <li>- Port Isolation</li> <li>- Management VLAN</li> </ul> </li> </ul>
<b>IGMP snooping</b>	<ul style="list-style-type: none"> <li>• IGMP v1/v2 limits bandwidth-intensive multicast traffic to only the requesters.</li> <li>• Supports 64 multicast groups (source-specific multicasting is also supported)</li> </ul>
<b>Port mirroring</b>	<ul style="list-style-type: none"> <li>• support port mirroring</li> </ul>
<b>Loop detection</b>	<ul style="list-style-type: none"> <li>• Support the loop detection</li> </ul>
<b>Broadcast Storm Protection</b>	<ul style="list-style-type: none"> <li>• Prevents traffic on a LAN from being disrupted by a broadcast storm on a port</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>• Web GUI interface</li> <li>• Dual Image</li> <li>• SNMP version 1, 2c with support for traps</li> <li>• Provides device reboot and reset to default for recovery and maintenance</li> </ul>
<b>PoE Specification</b>	<ul style="list-style-type: none"> <li>• Supports IEEE 802.3at/af compliant</li> <li>• Supports Power over Ethernet (PSE) on each Gigabit UTP port</li> <li>• Full power support for per POE port</li> <li>• Auto detect powered device and consumption levels</li> <li>• Supports per port power consumption monitoring</li> <li>• Smart feature for PD on/off, PD detection, power level, PD status and power feeding priority</li> <li>• Circuit protection to prevent power interference between ports</li> <li>• Supports per port PoE State setting</li> <li>• Supports per port power priority setting</li> <li>• LED indicators for POE ready and POE activity</li> <li>• 60 or 130 watts of total power diversified options</li> </ul>
<b>LED indicators</b>	<ul style="list-style-type: none"> <li>• Power (Green), Alarm (Green)</li> <li>• Port 1 to 8: ACT/FDX/ SPD(Green), PoE (Green)</li> <li>• Port 9 SFP: LINK/ACT (Green)</li> </ul>
<b>PoE Power Budget</b>	<ul style="list-style-type: none"> <li>• Max. 60W (RP-PG081W)</li> </ul>

<b>Power Supply Environment</b>	<ul style="list-style-type: none"> <li>• Internal Power supply 100~240VAC, 50/60Hz</li> <li>• Operating Temperature: 0°C to 40°C</li> <li>• Operating Humidity: 10% to 90% (Non-Condensing)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• RP-PG081W: 197.2 * 35.5 * 120 mm</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## Application



## Ordering information

**RP-PG081W**      8-P Gigabit Web-Smart PoE+ Switch W/ 1-SFP(100/1G) (60W)

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