## RP-PE801

## 9-P Fast Ethernet Switch
## w/ 8-P PoE+

The RP-PE801 is a 9-port desktop Fast Ethernet PoE Switch with 8 ports supporting PoE environment. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications. Moreover, the 10/100Mbps auto-sensing ability provides an easy way to migrate 10Mbps to 100Mbps network.

The switch supports 802.3at PoE standard, which supplies power to connected devices via CAT 5 and above twisted cables. By integrating the data transmitting and power supply, it eliminates the effort constructing your network. You could easily connect a Wireless AP or a VoIP phone to this switch without arranging outlets for them. In addition, over current protection and circuit shorting protection are also supported to ensure the power supply safety.

The RP-PE801 supports plug-and-play without any software to configure and is also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel provide the clear operating status of individual port and whole system.
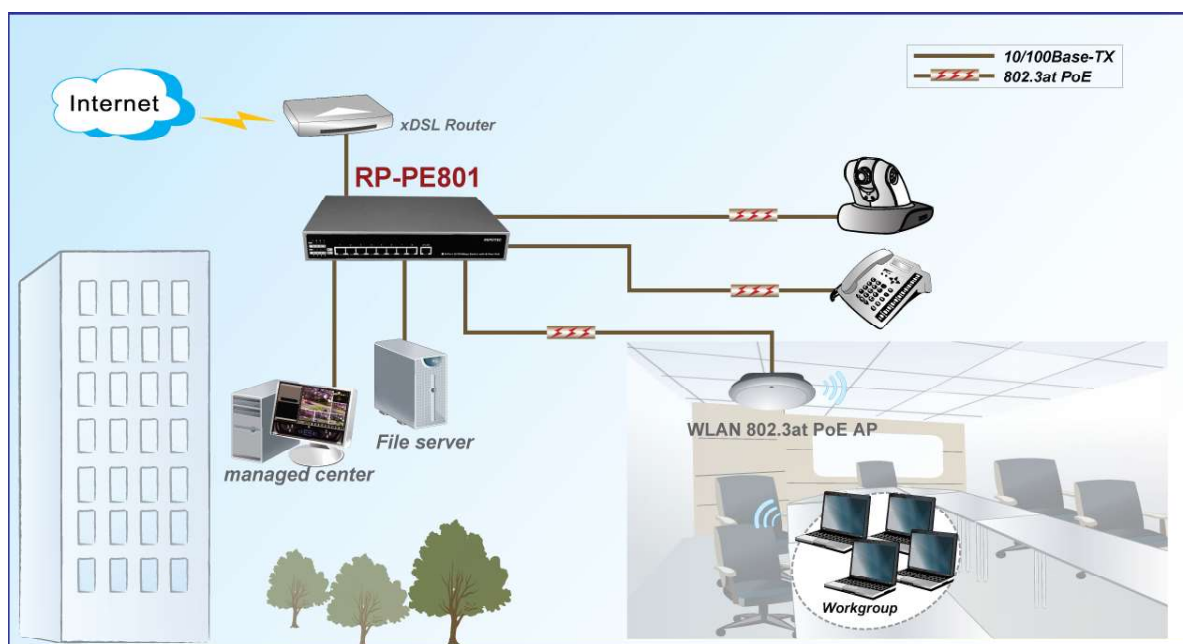
## Feature

- Comply with 10BASE-T specifications of the IEEE802.3 standard
- Comply with 100BASE-TX specifications of the IEEE802.3u standard
- Support NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) auto-detection
- Support MDI/MDI-X auto crossover r
- Comply with IEEE 802.3at/af PoE standard
- Support 30W maximum per PoE port
- Deliver Power up to 328ft (100m)
- Support over current protection and circuit shorting protection
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filter fragment & CRC error packets
- Support extensive LED indicators for network diagnostics
- With rack-mounting kits

## Specification

| Standards | • IEEE 802.3 10 BASE-T |
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| | • IEEE 802.3u 100 BASE-TX |
| | • IEEE 802.3x Full-duplex and Flow Control |
| | • IEEE 802.3at/af Power Over Ethernet /PSE |
| Interface | • 8x 10/100Mbps Auto MDI-X RJ-45 PoE ports, |
| | • 1x 10/100Mbps Auto MDI-X RJ-45 UPlink port |
| Switch Fabric | • 1.8Gbps |
| Switch Throughput | • 6.547Mpps @64byte |
| MAC Address | • 1K |
| Buffer Memory | • 8k Byte |
| Transmission Method | • Store and forward |
| Filtering/Forwarding Rates | • 100Mbps port - 148,800pps; 10Mbps port - 14,880pps |
| Transmission Media | • 10BaseT Cat. 3, 4, 5 UTP/STP |
| | • 100BaseTX Cat. 5 UTP/STP |
| PoE specification | • PD classification identify |
| | • PoE over current protection |
| | • PoE circuit sorting protection |
| | • Power DC 48V PIN Assignment 1/2(-), 3/6(+) |
| PoE power budget | • Per PoE port 30W |
| | • Total Power Budget 150W Max |
| LED Indicators | • AC Power on |
| | • Ethernet status Link/Ack |
| | • PoE Act/Status |
| Power Supply | • Internal Power Adapter 100~240VAC, 50/60 Hz |
| Environment | • Operating temperature : 0°C to 40°C |
| | • Operating Humidity:5% to 90% (Non-Condensing) |
| Dimension | • 260 x 142 x 43 mm (L x W x H) |
| Certification | • FCC, CE, LVD |

## Application

## Ordering Information

**RP-PE801**    9-P Fast Ethernet Switch, w/ 8-P PoE+ (150W)