RP-PG082 | RP-PG082F

8-P PoE + 2-SFP Gigabit Ethernet Switch

RP-PG082 series is a 8-Port Gigabit Power over Ethernet Switch with 2 SFP slots, it provides users Gigabit Ethernet and power via CAT 5 and above twisted cables.

RP-PG082 series complies with IEEE 802.3af and 802.3at standards and supplies up to 30W per port, with a total PoE power budget of 120 W or 250W. Its auto-negotiate is between 10/100/1000 Mbps network speed and duplex. By integrating the data transmitting and power supply, it eliminates the toil of constructing your network. Users can easily connect a Wireless AP or a VoIP phone to this switch without arranging outlets for the wall, ceiling or any unreachable place.

To ensure the power supply safety, RP-PG082 series supports current protection and circuit shorting protection. Moreover, front panel LEDs provides quick indication of connection speed and status.

Plug-and-play function without any software to configure and is also fully compliant with all kinds of network protocols.
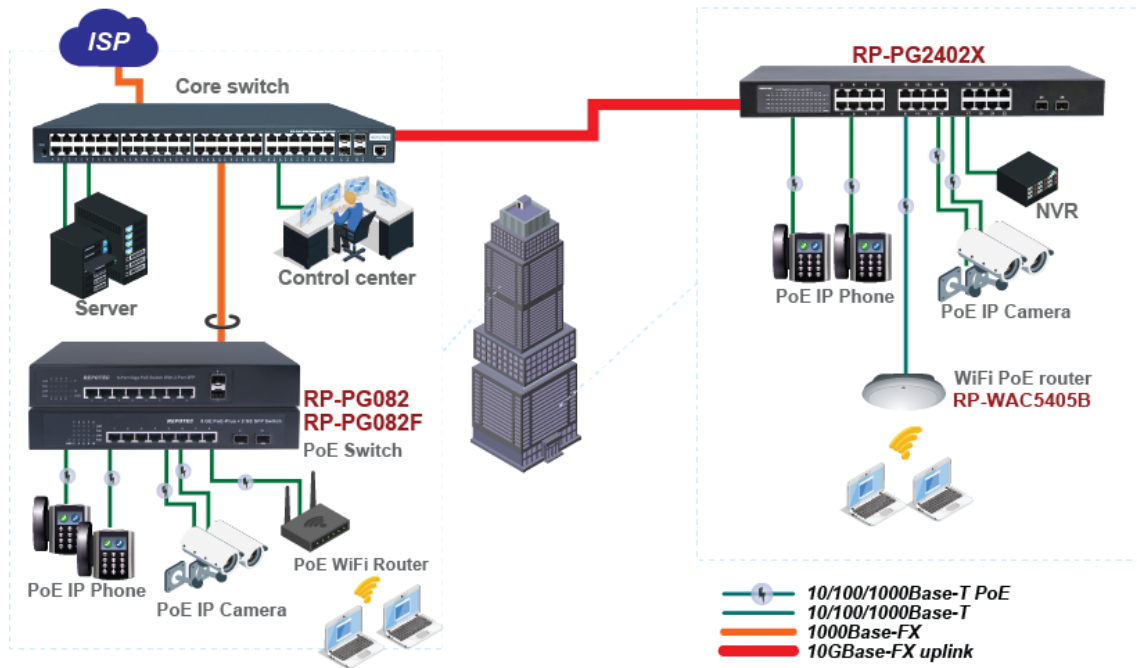
Features

- Comply with IEEE 802.3 at/af PoE standard ,
- Support 30W maximum per PoE port
- Support over current protection and circuit shorting protection
- Support 10/100/1000Base-T applications
- Support 1000Mbps SFP Fiber Module Auto Detection
- Support MDI/MDI-X auto crossover
- Support extensive LED indicators for network diagnostics
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filter fragment & CRC error packets
- Supply suitable power to PoE PD terminals
- Safe and reliable power to WLAN APs
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- AC-in Internal Power

Specifications

Standards	● IEEE 802.3 10 BASE-T
	● IEEE 802.3u 100 BASE-TX
	● IEEE 802.3ab 1000Base-T
	● IEEE 802.3z 1000Base-X Ethernet
	● IEEE 802.3x Flow Control capability
	● IEEE 802.3at/af Power Over Ethernet
Interface	● 8 x 10/100/1000Mbps RJ-45 ports
	● 2 x 1000Mbps SFP slots
Switch Capacity	● 16Gbps
MAC addresses	● 8K
Jumbo frame	● up to 9K
Filtering/Forwarding Rates	● 1000Mbps port - 1,488,000pps
	● 100Mbps port - 148,800pps
	● 10Mbps port - 14,880pps
Transmission Media	● 10BaseT Cat. 3, 4, 5 UTP/STP
	● 100BaseTX Cat. 5 UTP/STP
	● 1000BaseTX Cat. 5E/6/7 UTP/STP
PoE Specification	● PD classification identify
	● PoE over current protection
	● PoE circuit sorting protection
	● PoE power on RJ-45 pin 1,2 for power + / pin 3,6 for power -
PoE Power Budget	● Per PoE port 30 W
	● Max. 120W (RP-PG082)
	● Max. 250W (RP-PG082F)
LED Indicators	● Power (Green), LAN (1000Mbps-Green;10/100Mbps-Amber), PoE (Green), SFP (Green)
Power Supply	● Internal Power Supply 100~240VAC, 50/60 Hz, 56V
Environment	● Operating temperature : 0°C to 40°C
	● Operating Humidity: 5% to 90% (Non-Condensing)
Dimension (WxHxD)	● 280 x 44 x 122 mm (RP-PG082)
	● 280 x 44 x 215 mm (RP-PG082F)
Certification	● FCC, CE

Application

Ordering information

RP-PG082   8-P Gigabit + 2-SFP PoE Switch (120W)
RP-PG082F 8-P Gigabit + 2-SFP PoE Switch (250W)