RP-PG0802X

8-P Gigabit PoE + 2-10G SFP slot Ethernet Switch

RP-PG0802X is a potent Gigabit PoE switch with 8 Gigabit PoE ports and 2 10G SFP+ ports, providing exceptional 10G uplink capability. This ensures high-speed data transmission over long distances, ideal for data-intensive applications. With a 56Gbps switching capacity and support for up to 10K jumbo frames, it efficiently handles substantial workloads, connecting securely to metro switches, backbones, and servers.

RP-PG0802X delivers 30W of PoE per port, adaptable to various applications. Its 110W total power consumption offers a cost-effective PoE+ solution for small businesses and enterprises. Ensuring swift, secure PoE connections enhances operational efficiency and network safety. With non-blocking wire-speed performance, it ensures seamless data flow, essential for high-capacity data transmission.

RP-PG0802X excels as a Gigabit PoE switch, combining 8 Gigabit PoE ports and 2 10G SFP+ ports for potent 10G uplink capabilities. Its robust internal capacity and jumbo frame management facilitate data-intensive tasks and secure connections. This switch accommodates a range of application needs, prioritizes operational efficiency, and guarantees seamless data transmission.
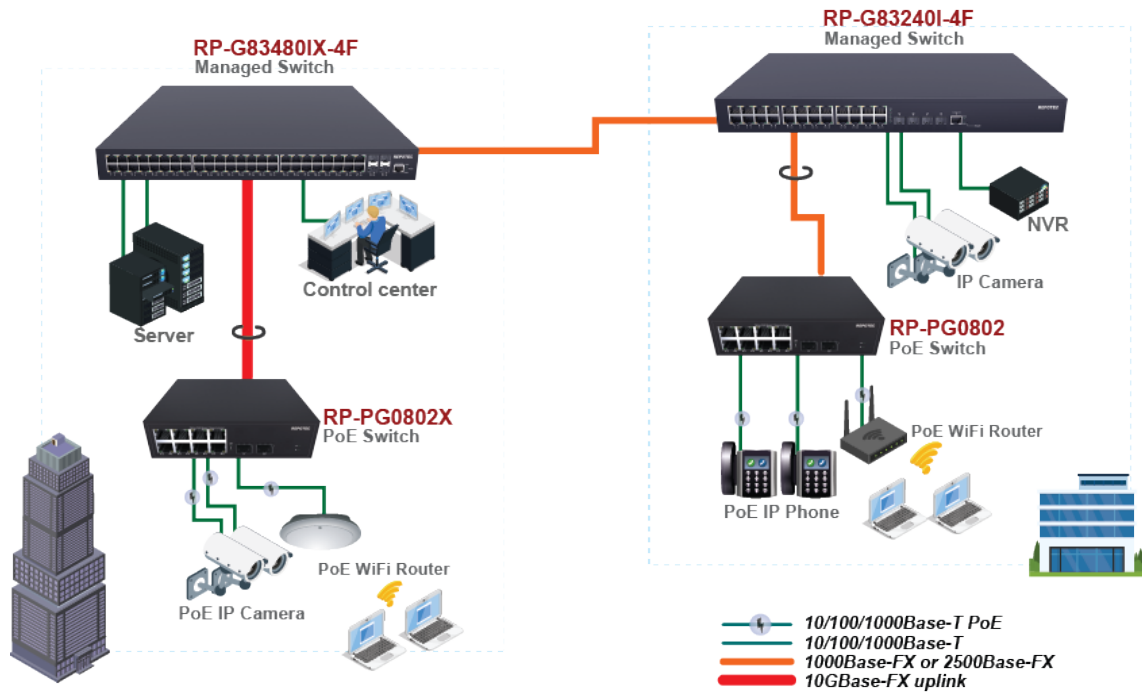
Features

- Powerful 10G Uplink Seamlessly transmits data over extensive distances.
- Complies with IEEE802.3af, IEEE802.3at
- Max PoE power output is 30W per port
- Smart PoE chipset detect the PD equipments automatically
- Swift, secure PoE connections reduce complexity.
- Supports 10Kbytes jumbo packet size
- Reliable switch for secure network backbone.
- 4KV surge protection

Specifications

Standards	- IEEE 802.3/3u 10Base-T, 100Base-TX Ethernet - IEEE 802.3ab 1000Base-T Ethernet - IEEE 802.3z 1000Base-X Ethernet - IEEE 802.3x Flow Control capability - IEEE 802.3az (Energy Efficient Ethernet) - IEEE 802.3at/af Power over Ethernet / PSE
Interface	8*10/100/1000M RJ45 PoE ports 2*10G SFP slot uplink ports
Mac Table	
MAC Address	• 16K
Switching capacity	• 56G
Packets forwarding rate	• 41.67Mpps
Buffer	• 2Mbits
Polarity reversal	• Support
Flow control	• Support
Jumbo frame	• 10Kbytes
Port mirroring	• Support
PoE	
PoE ports	• 1-8
PoE standard	• 802.3af，802.3at
PoE End-span	• 1/2(+) 3/6(-)
Non-standard PD	• Support
Single port Max output power	• 30W
PoE power	• ≤110W
Power Supply	• External Power supply 52V/ 2.3A
Network topology	
Star topology	• Support
Bus topology	• Support
Protection	
Ethernet ports surge protection	• IEC 61000-4-5　Level 4 (4KV) (10/700us)
General	
Dimension	• 152 x 115 x 44mm
Operation temperature	• 0°C ~ +50°C
Storage temperature	• -40°C ~ +70°C
Operation humidity	• 10%~90%RH (non-condensing)
Storage humidity	• 5%~95%RH (non-condensing)
Heat dissipation	• Fanless, natural heat dissipation

Application

Ordering information

RP-PG0802X   8-P Gigabit PoE + 2-10G SFP slot Ethernet Switch (110W)