

RP-PG2402X

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



RP-PG2402X is a 24-Port (10M/100M/1G) PoE+ and 2 SFP/SFP+ port PoE switch. With its 88Gbps non-blocking switch fabric, it makes the transition to Gigabit Ethernet simply, also speed up of network connection. The energy-efficient, built to last and rigorously tested to provide the reliability of businesses requirement.

RP-PG2402X delivers electric power output up to 30W by PoE function for each port, and 150W or 250W power budget via Cat.5/5e/6 Ethernet cables. Enables the access of PoE IP Phones, security camera/ network webcam situated in a remote area where power connection is hardly available. And it's also an ideal option for powering a Wireless Access Point in an indoor working area. In addition, the over-current and circuit shorting protection are supported for ensuring the power supply safety. RP-PG2402X is designed to be a plug-and-play device without any software configuration, 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 the whole system.

RP-PG2402X is a high-performance and environment flexible device for SMBs and Enterprises. It delivers better user experience and saves owners' budgets.

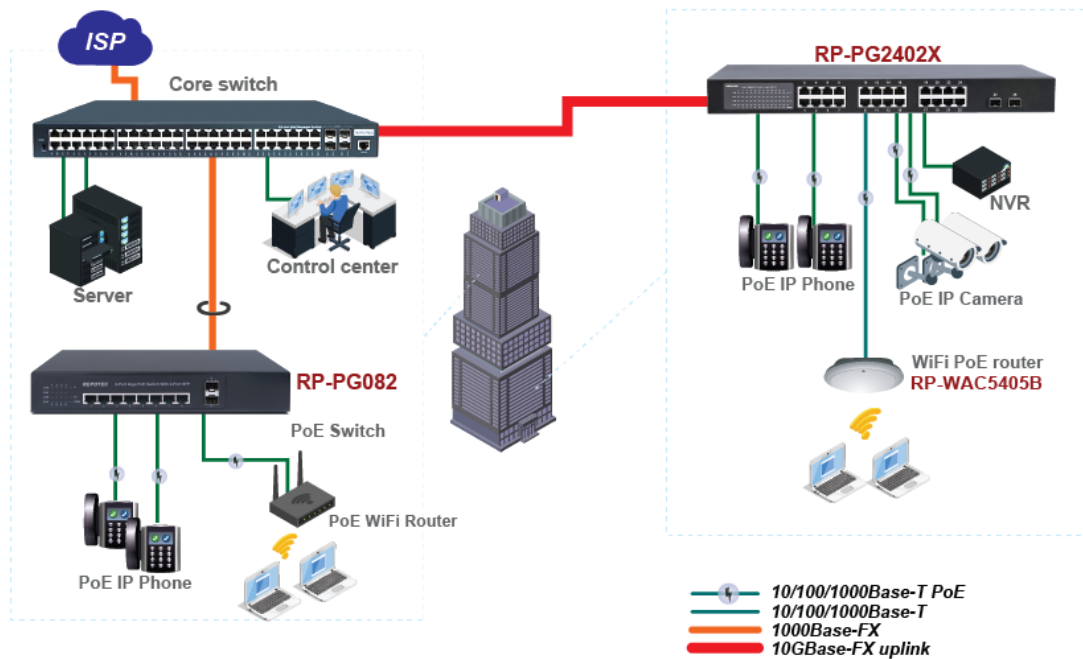
Features

- 24 ports gigabit non-blocking switch architecture.
- 2 SFP/ SFP+ ports for optional fiber connection
- Each Gigabit Switching UTP ports support auto-negotiation-10/100/1000Mbps
- Auto-MDI/MDI-X detection on each RJ-45 port
- Support 30W maximum per PoE port, power budget up to 150W or 250W
- Support over current protection and circuit shorting protection
- Jumbo Frame: 10K bytes (Max)
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Store-and-forward architecture filters fragment & CRC error packets
- Provide 88Gbps switch fabric, non-blocking switch architecture
- 16K MAC address table, automatic source address learning and ageing
- 4Mbits packet buffering
- Support extensive LED indicators for network diagnostics
- Supports IEEE 802.3az Energy Efficient Ethernet
- Rack mountable

Specifications

Standards	<ul style="list-style-type: none">• 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• IEEE802.3ae 10GBase-T Ethernet over fiber for LAN• IEEE 802.3az (Energy Efficient Ethernet)• IEEE 802.3at/af Power over Ethernet / PSE
Interface	<ul style="list-style-type: none">• 24 x 10/100/1000Base-TX RJ-45 Auto-MDI/MDI-X, 802.3at PoE• 2 x 1G/10GBase-SR/LR SFP+ slots
MAC Address	<ul style="list-style-type: none">• 16K
Buffer Memory	<ul style="list-style-type: none">• 4Mbits
Transmission Method	<ul style="list-style-type: none">• Store and Forward
Flow Control	<ul style="list-style-type: none">• Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex
Throughput	<ul style="list-style-type: none">• 65.472Mpps (packet per second)
Switch Fabric	<ul style="list-style-type: none">• 88Gbps
PoE Specification	<ul style="list-style-type: none">• PoE Compatible: IEEE 802.3af/at Power over Ethernet / PSE• PoE over current protection• PoE circuit sorting protection• PoE Power Output: Per Port 56V DC, Max. 30 watts (802.3at)• Power Budget: Max. 150W or 250W• PoE power on RJ-45 pin 1,2 (+) / pin 3, 6 (-)• PoE Power Supply Type: End-Span
LED Indicators	<ul style="list-style-type: none">• Per Port: LINK/ACT, PoE ACT/Status• Per Unit: Power
Power Supply	<ul style="list-style-type: none">• Internal Power 100~240 VAC, 0.5A, 50-60 Hz
Environment	<ul style="list-style-type: none">• Operating temperature: 0°C to 40°C• Operating Humidity:10% to 90% (Non-Condensing)
Dimension	<ul style="list-style-type: none">• 440 x 44 x 200mm (WxHxD)
Certification	<ul style="list-style-type: none">• FCC, CE

Application



Ordering information

- RP-PG2402X-150** 24-P Gigabit PoE + 2-10G SFP slot Ethernet Switch (150W)
- RP-PG2402X-250** 24-P Gigabit PoE + 2-10G SFP slot Ethernet Switch (250W)