

RP-PG8210I-2F

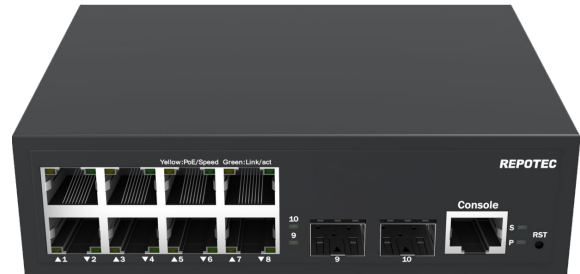
8-P Gigabit + 2-SFP(1G/2.5G) slot L2+ Managed PoE Switch

RP-PG8210I-2F is a Layer 2 gigabit managed PoE switch with 8-port 10/100/1000Base-T RJ45 PoE ports and

2*1G/2.5G SFP ports. Its powerful Layer 2 management and high-performance switching offer a cost-effective Gigabit Ethernet solution for enterprise networks.

RP-PG8210I-2F supports Power over Ethernet (PoE) applications. With a total power capacity of up to 110 watts, it can efficiently power various PoE devices, making it a quick, safe, and cost-effective PoE network solution for both small businesses and enterprises. Its comprehensive QoS features ensure prioritization and smooth data traffic management, while the rich management provide administrators with the flexibility to tailor the network to their specific requirements, bolstering overall data security.

With its comprehensive QoS, flexible management, and enhanced security settings, as well PoE support, the RP-PG8210I-2F is an excellent choice for modern enterprise networks. It delivers reliable and cost-effective Gigabit Ethernet capabilities to meet the evolving demands of businesses adopting advanced IT technologies.



Features

- Complies with IEEE 802.3at, IEEE 802.3af. Max output power: 30W (PoE+).
- Smart and standard PoE chipset for automatic PD equipment detection, preventing damage.
- Supports access, trunk, hybrid mode, and VLAN classification, including Mac-based, IP-based, and protocol-based VLANs.
- Supports port-based, VLAN-based, and flow-based QinQ.
- Supports STP, RSTP, MSTP, G.8032 ERPS protocol, single ring, sub ring.
- IGMP snooping, Port Mirroring, Port isolation and QoS.
- Supports Dot1x, port authentication, MAC authentication, RADIUS service.
- Supports port-security, IP source guard, IP/Port/MAC binding, ARP-check, and ARP packet filtering.
- Supports LLDP, SNMPV1/V2C/V3, web management (HTTP1.1, HTTPS), Syslog, and alarm grading.
- RMON (Remote Monitoring) alarm, event, and history record.
- NTP, temperature monitoring, Ping, Tracert, and optical transceiver DDM function.
- Supports TFTP Client, Telnet Server, SSH Server, and IPv6 Management.

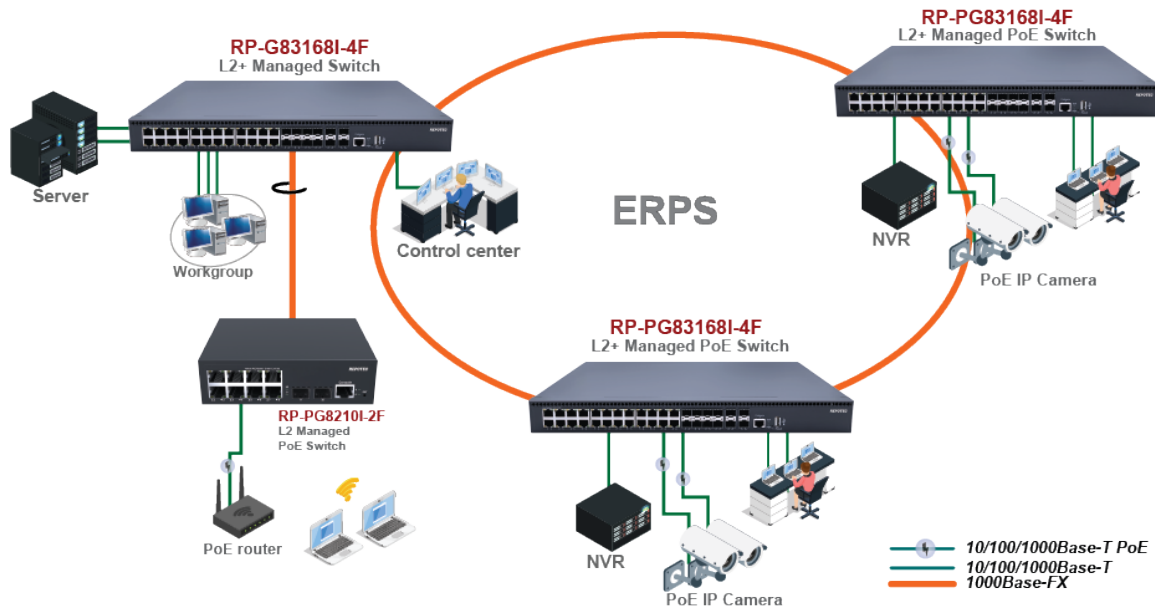
- Firmware update, configure backup/restore through Web GUI, FTP, and TFTP.

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 • IEEE802.3az Energy Efficient Ethernet • IEEE 802.3at, IEEE802.3af standard
Interface	<ul style="list-style-type: none"> • 8 x 10/100/1000M PoE ports • 2 x 1G/2.5G SFP ports • 1 x RJ45 console port
PoE	<ul style="list-style-type: none"> • Complies with IEEE 802.3at, IEEE802.3af standard. Max output power per port can reach 30W(PoE+) • Support 1/2(+) 3/6(-) Endspan • Support Non-standard PD
Forwarding Capacity	<ul style="list-style-type: none"> • 38.6Mpps
Switching Capacity	<ul style="list-style-type: none"> • 26 Gbps
Buffer	<ul style="list-style-type: none"> • 12M bit
MAC Table	<ul style="list-style-type: none"> • 16K MAC addresses
Layer 2 function	
Port aggregation	<ul style="list-style-type: none"> • Support GE port, 2.5GE aggregation • Support static and dynamic aggregation
Port features	<ul style="list-style-type: none"> • Support IEEE802.3x flow control, Port traffic statistics, port isolation • Support network storm suppression based on port bandwidth percentage
VLAN	<ul style="list-style-type: none"> • Support access, trunk and hybrid mode
VLAN Classification	<ul style="list-style-type: none"> • Mac Based VLAN • IP Based VLAN • Protocol Based VLAN
QinQ	<ul style="list-style-type: none"> • Basic QinQ (Port-based QinQ) • Flexible Q in Q (VLAN-based QinQ) • QinQ (Flow-based QinQ)
Port mirroring	<ul style="list-style-type: none"> • Many to one (Port Mirroring)
Layer 2 ring network protocol	<ul style="list-style-type: none"> • Support STP、RSTP、MSTP • Support G.8032 ERPS protocol, single ring, sub ring and other ring
DHCP	<ul style="list-style-type: none"> • DHCP Client • DHCP Snooping
Multicast	<ul style="list-style-type: none"> • IGMP snooping
ACL	<ul style="list-style-type: none"> • IP Standard ACL • MAC extend ACL • IP extend ACL
QoS	<ul style="list-style-type: none"> • QoS Class, Remarking

	<ul style="list-style-type: none"> • Support SP, WRR queue scheduling • Ingress Port-based Rate-limit • Egress Port-based Rate-limit • Policy-based QoS
Security	<ul style="list-style-type: none"> • Support Dot1x, port authentication, mac authentication, RADIUS service • Support port-security • Support ip source guard, IP/Port/MAC binding • Support ARP-check and ARP packet filtering for illegal users • Support port isolation
Management and maintenance	<ul style="list-style-type: none"> • Support LLDP • Support user management and login authentication • Support SNMPV1/V2C/V3 • Support web management, HTTP1.1, HTTPS • Support Syslog and alarm grading • Support RMON (Remote Monitoring) alarm, event and history record • Support NTP • Support temperature monitoring • Support Ping, Tracert • Support optical transceiver DDM function • Support TFTP Client • Support Telnet Server • Support SSH Server • Support IPv6 Management • Support PoE management • Support FTP, TFTP, WEB upgrading
Mechanical structure	
Fan	<ul style="list-style-type: none"> • Fanless, natural heat dissipation
Ethernet ports surge protection	<ul style="list-style-type: none"> • 4KV, IEC 61000-4-5 Level 4 (10/700us)
PoE Power	<ul style="list-style-type: none"> • Total PoE power budget 110W
Power Supply	<ul style="list-style-type: none"> • External Power adapter 52V/2.3A
Environment	<ul style="list-style-type: none"> • Operating temperature: 0°C to 50°C • Operating Humidity: 10 to 90% (Non-Condensing)
Dimension	<ul style="list-style-type: none"> • 152*115*44mm (WxDxH)
Certification	<ul style="list-style-type: none"> • CE, FCC

Application



Ordering information

RP-PG8208I-2F 8-P Gigabit + 2-SFP(1G/2.5G) slot L2+ Managed PoE Switch (110W)