RP-G83240I-4F

24-P Gigabit + 4-SFP (1G/2.5G) slot L2+ Managed Switch

RP-G83240I-4F, a versatile Layer 2+ managed Gigabit switch designed for enterprise networks. With 24 gigabit ports and 4 *1G/2.5G SFP slots, this switch delivers full Gigabit access and impressive scalability, achieving exceptional 2.5G performance. It supports Layer 3 static routing and offers a switching capacity of 68 Gbps.

The RP-G83240I-4F meets the needs of modern networks, providing comprehensive QoS capabilities, flexible management, and robust security features at a cost-effective price. It ensures high-speed, secure, and intelligent networking for enterprises. The switch offers advanced protocols, VLAN classification options, port mirroring, layer 2 ring network protocols, multicast support, and comprehensive QoS features.

With support for LLDP, user management, SNMP, web management, firmware updates, and utilities like Ping and Tracert, the RP-G83240I-4F simplifies network monitoring and maintenance. It empowers enterprises with reliable performance and efficient network operations.
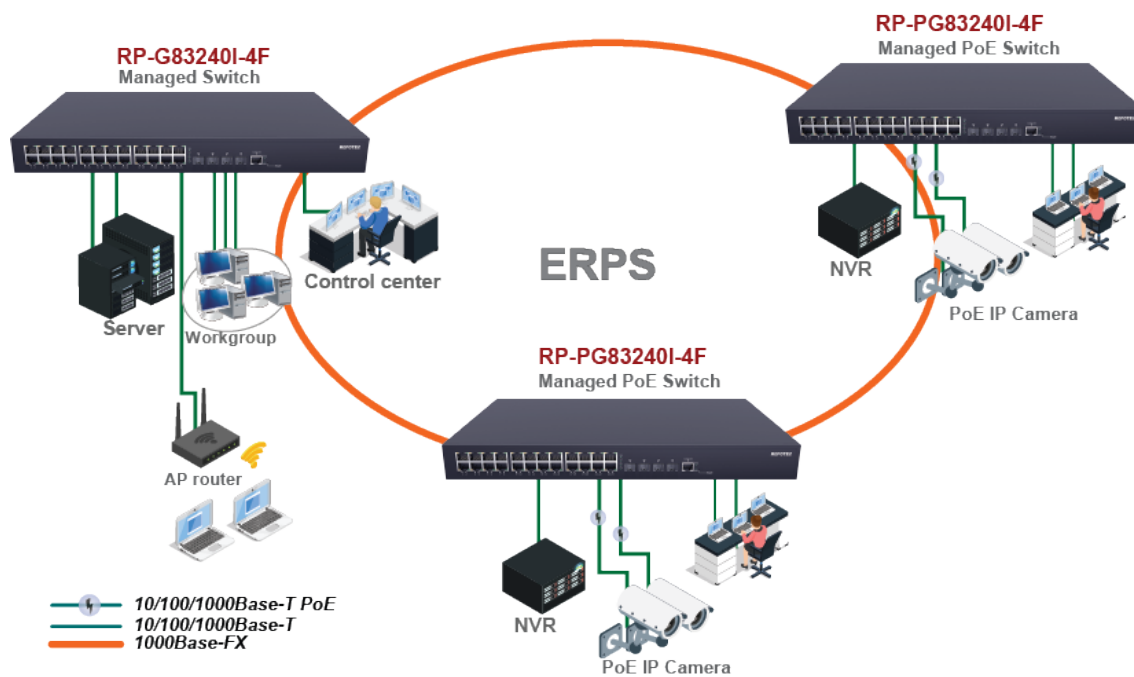
Features

- Supports IPv4/IPv6 static routing, DHCP server
- Supports GE ports, 2.5GE port aggregation, static and dynamic aggregation
- Supports access, trunk, and hybrid mode VLAN classification
- Supports port-based, VLAN-based and flow-based QinQ
- Port Mirroring: Many to one port mirroring
- Supports STP, RSTP, MSTP, G.8032 ERPS protocol, single ring, sub ring
- Multicast: Supports IGMP snooping
- QoS: Supports SP, WRR queue scheduling, rate-limiting, and policy-based QoS
- Supports Dot1x, port authentication, MAC authentication, RADIUS service.
- Supports LLDP, user management, login authentication; SNMPV1/V2C/V3; web management.
- Firmware update, configure backup/restore through Web GUI, FTP and TFTP

Specifications

Standards	● IEEE 802.3 10Base-T Ethernet ● IEEE 802.3u 100Base-TX Ethernet ● IEEE 802.3ab 1000Base-T Ethernet ● IEEE 802.3z 1000Base-X Ethernet ● IEEE 802.3z 1000Base-X Ethernet ● IEEE802.3x Flow Control and Back Pressure ● IEEE 802.1D Spanning Tree Protocol ● IEEE 802.1w Rapid Spanning Tree Protocol ● IEEE 802.1Q VLAN ● ITU-T G.8032 ERPS ● IEEE 802.1X Port Authentication Network Control ● IEEE 802.1ab LLDP ● IEEE 802.3ad LACP
Interface	● 24 x 10/100/1000Base-T RJ45 ports ● 4 x 1G/2.5G Base-X SFP+
Management port	● 1 x RJ45 Console port
Switching capacity	● 68Gbps
Packet forwarding rate	● 101Mpps
MAC address table	● 16K
Buffer	● 12M bit
Layer 2 function	
Port aggregation	● Support gigabit port, 2.5GE port aggregation ● Support static and dynamic aggregation
Port features	● Support IEEE802.3x flow control, Port traffic statistics, port isolation ● Support network storm suppression based on port bandwidth percentage
VLAN	● Support access, trunk and hybrid mode
VLAN Classification	● Mac Based VLAN ● IP Based VLAN ● Protocal Based VLAN
QinQ	● Basic QinQ (Port-based QinQ) ● Flexible Q in Q(VLAN-based QinQ) ● QinQ(Flow-based QinQ)
Port mirroring	● Many to one (Port Mirroring)
Ring network protocol	● Support STP、RSTP、MSTP ● Support G.8032 ERPS protocol，single ring, sub ring and other ring
DHCP	● DHCP Client ● DHCP Snooping
Multicast	● IGMP snooping
ACL	● IP Standard ACL ● MAC extend ACL ● IP extend ACL

QoS	• Support QoS Class, Remarking • Support SP, WRR queue scheduling • Ingress Port-based Rate-limit • Egress Port-based Rate-limit • Support Policy-based QoS
Security	• 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 & maintenance	• 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 FTP, TFTP, WEB upgrading
Layer 3 features	
DHCP server	• DHCP server
ARP	• ARP table aging
IPv4/IPv6	• Static routing
Mechanical structure	
Power supply	• VAC input • Rated voltage range: 100-240V • Frequency: 50/60Hz
Fan	• Support fan speed control
Consumption	• ≤24W
Power surge protection	• 6KV, IEC 61000-4-5　Level X (8/20us)
Ethernet ports surge protection	• 4KV, IEC 61000-4-5　Level 4 (10/700us)
Dimension	• 440 x 180 x 45mm (W*D*H)
Environment	• Operating temperature: 0°C~+50°C • Operating Humidity: 10 to 90% (Non-Condensing)
Certification	• CE/FCC

Application

Ordering information

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