>> RP-G0916IP

8-P 1000T/SFP + 16-P SFP slot
Gigabit L2+ Managed Switch

RP-G0916IP, 24-port Gigabit L2 Plus Managed Switch, is a standard switch which meets all IEEE 802.3/u/x/z Gigabit, Fast Ethernet specifications. This switch includes 16-Port 1000Mbps SFP and 8-Port Combo Gigabit TP/SFP Fiber dual media management Ethernet switch. Also, it can be managed through RS-232 serial port, or through Ethernet port using CLI or Web-based management unit, associated with SNMP agent. With the SNMP agent, the network administrator can logon the switch to monitor, configure and control each port's activity in a user-friendly way. The overall network management is enhanced and the network efficiency is also improved to accommodate high bandwidth applications. In addition, RP-G0916IP features comprehensive and useful functions such as QoS (Quality of Service), Spanning Tree, VLAN, Port Trunking, Bandwidth Control, Port Security, SNMP/RMON, IGMP Snooping capability via the intelligent software. It is suitable for both metro-LAN and office applications.
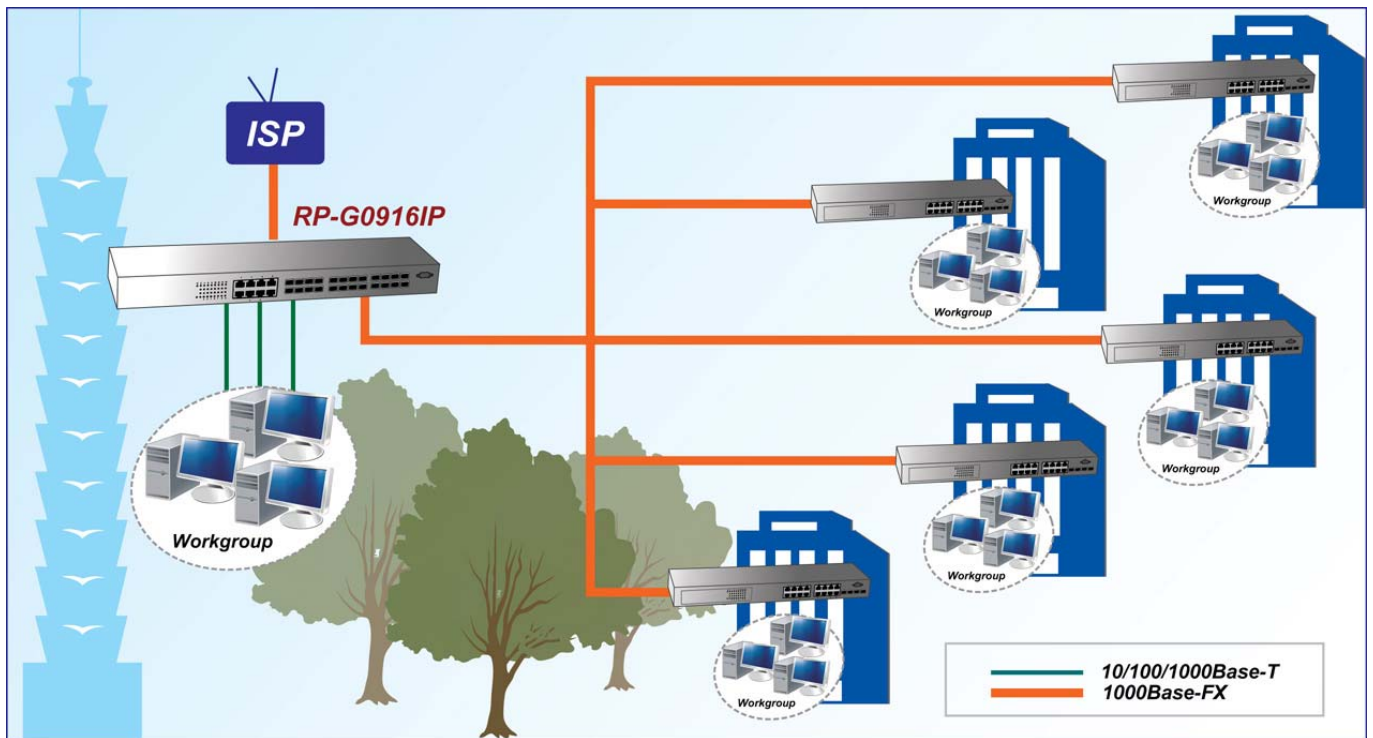
Feature

- 24-Port Gigabit SFP High Port Count Fiber Switch
- 9KB Jumbo Frame Support
- IEEE 802.1x Access Control Improve Network Security
- Port Mirroring Helps Supervisor Monitoring Network
- Q-in-Q VLAN for performance & security and 4094 Vlan entries(prevision, upgrade via FW)
- IEEE 802.1D Compatible, 802.1w Rapid Spanning Tree and 802.1s Multiple Spanning Tree
- Unknown Unicast/Broadcast/Multicast Storm Control
- Multicast Vlan Management for IPTVIP-Mac-Port binding for LAN security
- QCL Based on Application traffic for QoS and rate limitation management
- ACL Based on Ethernet Type / ARP / IPv4 for packets permit or deny, rate limitation and port copy
- DHCP Option 82 relay agent

Specification

Standards	• IEEE 802.3 10Base-T Ethernet(twisted-pair copper) • IEEE 802.3u 100Base-TX Ethernet(twisted-pair copper) • IEEE 802.3ab 1000Base-TX Ethernet(twisted-pair copper) • IEEE 802.3z 1000Base-X Ethernet • IEEE 802.3x flow control capability • ANSI/IEEE 802.3 auto-negotiation • IEEE 802.1q VLAN
Interface	• 16-Port SFP + 8-Port Combo port (SFP/RJ-45) • Port 1,2,3,4,5,6,7,8 are Gigabit TP/SFP Fiber auto sense • Auto-Negotiation and Auto-MDIX • Backpressure flow control for half duplex. • 802.3x flow control for full duplex. • Connector: 16 SFP and 8 combo port, RJ-45/SFP
Performance Switching capacity	• Non-blocking switch fabric supports up to 24GbE ports • 8 K MAC addresses • The maximum throughput is 48Gbps
VLAN	• Supports SVL/IVL configuration to meet your VLAN requirement • Port-base VLAN • IEEE802.1q tag-base VLAN, 4094 max, up to 1024 active VLANs including static plus dynamic entry • IEEE802.1q tag-base VLAN • Flooding unknown vlan frame setting, can flood packet with some vlan tag associated to a invalid/inactive vlan • In tag-base VLAN, supports egress/ingress packet filter • Q-in-Q is an efficient method for enabling Subscriber Aggregation • Provide Management Vlan for managed policy
VSM (Virtual Stacking Management)	• Virtual stacking, no extra stacking hardware is required • Distributed stacking, no physical central wiring closet is needed
QoS	• Supports QCL for Layer 4 TCP/UDP Port and ToS Classification • Supports 802.1p QoS with four level priority queue • Supports priority in a Q-in-Q tag
Bandwidth Control	• Supports bandwidth rating per port ingress and egress rate limit 500Kbps~1000Mbps with 1Kbps
Protocol LACP	• Port trunking with 12 trunking group • Up to 16 ports for each group.
GVRP/GARP	• 802.1q with GVRP/ GARP
Multicasting	• Supports IGMP snooping including active and passive mode
STP/RSTP/MSTP	• 802.1d/1w/1s
Network Security	• 802.1x access control for port based and mac based authentication • Management Access Policy Control • Access control List • IP-mac-port binding • DHCP relay agent
SNMP agent	• Snmpv1,v2c • Support RFC 1213 MIB (MIB-II), RFC 1757 RMON MIB, RFC 1493 Bridge MIB, RFC 1643 Ethernet MIB, Enterprise MIB
LED Description	• POWER

	• LINK/ACT: SFP Port 1-24
	• LINK/ACT: UTP Port 1-8
	• 10/100/1000Mbps: UTP Port 1-8
Environment	• Operating Temperature: 0°C ~ 40°C
	• Operating Humidity: 5%~90% (Non-Condensing)
Dimension	• 442 * 209 * 44mm
Certifications	• FCC, CE

Application

Ordering information

RP-G0916IP   8-P 1000T/SFP + 16-P SFP slot Gigabit L2+ Managed Switch