

>> RP-G0802LB

8-Gigabit + 2-SFP L2 Management Switch

This is a cost-effective high performance Gigabit L2 Ethernet Managed Switch - 8* 10/100/1000Mbps TX ports and 2* SFP ports are supported. This switch supports remote management function by SNMP, Http and Telnet interfaces, it also supports local management function by console interface. Besides, this switch supports lots of L2 switch managed functions, e.g. 802.1Q VLAN, 802.1x Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions, etc. Auto-MDIX function is supported for every TX port of the switch for easy cable connection.



Feature

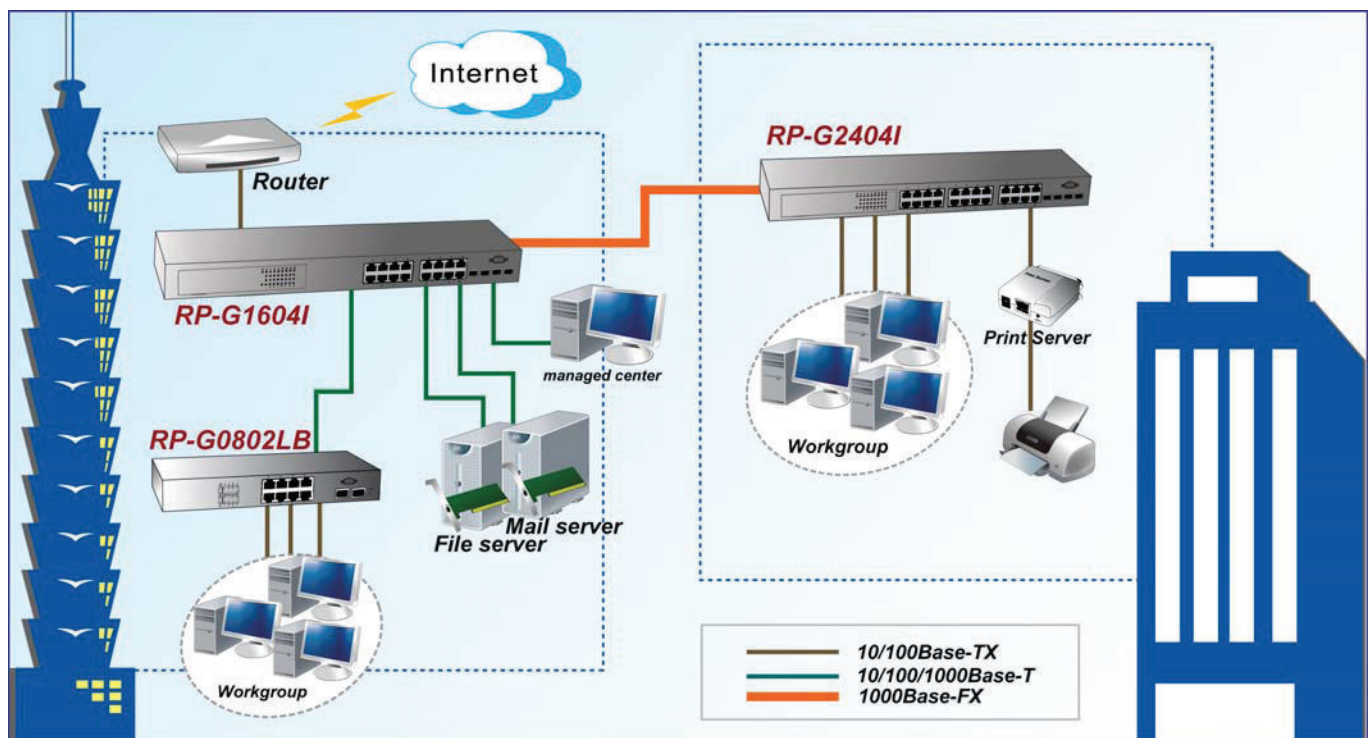
- Out-band console and in-band SNMP/Http/Https/Telnet management interface
- CISCO-like Command Line Interface
- 802.1Q VLAN, 1024 active VLAN maximum with VID 1~4094
- Port-based VLAN
- Private VLAN
- DHCP Relay Option 82
- IP-Port Binding, Storm control, Q in Q
- 802.3ad LACP for link aggregation
- 802.1x for user authentication, Dynamic VLAN and Guest VLAN are supported
- IGMP snooping and Query and MVR
- 4 priority queues for Port-based, 802.1P QoS operation, with Strict Priority/WRR scheduling
- 802.1d Spanning Tree Compatible & 802.1w Rapid Spanning Tree
- Port rate limit for ingress/egress traffic
- Static MAC address binding / Dynamic Mac address number limit
- Event log and Syslog are supported
- Administrator IP/Subnet limit for security

Specification

Standards	<ul style="list-style-type: none"> • IEEE802.3(10BaseT Ethernet), • IEEE802.3u(100Base Fast Ethernet), • IEEE802.3ab(1000BaseT), IEEE802.3z(1000Base) • IEEE802.1D, IEEE802.1w, IEEE802.1P, IEEE802.1Q, IEEE802.1x
Ports	<ul style="list-style-type: none"> • 8* RJ45 ports: with 10/100/1000Mbps, Full/Half duplex auto-negotiation and Auto-MDIX function • 2* SFP ports with Port9 and Port10 • Console Port: DB9 console port
Filter & Forwarding Rate	<ul style="list-style-type: none"> • Full line speed
Transmission method	<ul style="list-style-type: none"> • Store-and-forward
Packet Buffer	<ul style="list-style-type: none"> • 500K Bytes
Mac Table Size	<ul style="list-style-type: none"> • 8K
Max Packet Size	<ul style="list-style-type: none"> • 1518 bytes (without tag), 9600 bytes for Jumbo Frame
Switching Capacity	<ul style="list-style-type: none"> • 20 Gbps
Packet Forwarding Rate	<ul style="list-style-type: none"> • 14.8 Mpps
Flow Control	<ul style="list-style-type: none"> • Back pressure for half duplex, IEEE802.3x for full duplex
Management	<ul style="list-style-type: none"> • Out-band : Console (CISCO-like Command Line Interface) • In-band : SNMP/Telnet/Http/Https • Administrator IP/Subnet limit is supported
DHCP Client	<ul style="list-style-type: none"> • Support DHCP Client / Relay / Option 82 functions
SNMP agent	<ul style="list-style-type: none"> • Version. 1, 2c • Support MIB II(RFC1213), Bridge MIB (RFC 1493), • VLAN MIB (802.1Q, RFC2674), Private MIB
VLAN	<ul style="list-style-type: none"> • 802.1Q VLAN with 1024 co-current groups maximum from 4094 VLANs • Port-based VLAN • Private VLAN
Trunking	<ul style="list-style-type: none"> • Support up to 8 trunks using either static or dynamic trunking (LACP)
QoS	<ul style="list-style-type: none"> • priority queues per port for Port-based & 802.1p tagged-based QoS • Strict Priority/WRR scheduling
Spanning Tree	<ul style="list-style-type: none"> • 802.1d Spanning Tree & 802.1w Rapid Spanning Tree
Port Mirror	<ul style="list-style-type: none"> • Yes
Static Mac ID Access Limit	<ul style="list-style-type: none"> • Yes, Limit on port
Dynamic Mac ID Number Limit	<ul style="list-style-type: none"> • Yes
IEEE 802.1x	<ul style="list-style-type: none"> • Support Transparent and Authentication modes • Dynamic VLAN & Guest VLAN are supported
Rate Control	<ul style="list-style-type: none"> • 1~31 levels, with level is configured between 128Kbps ~ 30Mbps
Storm Control	<ul style="list-style-type: none"> • for broadcast/flooding traffic control
IP Multicast	<ul style="list-style-type: none"> • IGMP Snooping(256 Groups Max.) / Query and MVR function
Software Upgrade	<ul style="list-style-type: none"> • Out-band: Xmodem, • In-band: TFTP/Http
Text Configuration	<ul style="list-style-type: none"> • Yes, for easy edit

Configuration Down/Upload	<ul style="list-style-type: none"> • Yes
Event Log	<ul style="list-style-type: none"> • Yes, and Syslog is supported
LED Display	<ul style="list-style-type: none"> • er Port: Link/Act (Green:Gigabit, Yellow:10/100M), Full Duplex • Per Device: Power, System
Power Consumption	<ul style="list-style-type: none"> • 8 W
Power Supply	<ul style="list-style-type: none"> • Internal Power supply 100~240VAC, 50/60 Hz
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C ~ 50°C • Operating Humidity: 10%~90% (Non-Condensing)
Dimension	<ul style="list-style-type: none"> • 250 * 117 * 37 mm
Certifications	<ul style="list-style-type: none"> • FCC, CE

Application



Ordering information

RP-G0802LB 8-P Gigabit + 2-P SFP Slot Managed Switch

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