



## >> RP-G2404I 24-P Gigabit + 4 SFP Slot L2 Managed Switch

This is a cost-effect high performance 24G L2 Ethernet management switch - 24\* 10/100/1000Mbps TX ports and 4\* SFP ports are supported. This switch supports remote management by SNMP, Http and Telnet interfaces, and local management by console interface. This switch supports lots of L2 switch management 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
- VLAN Stacking(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(Multicast VLAN Registration)
- 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

<b>Standards</b>	<ul style="list-style-type: none"><li>• IEEE802.3(10BaseT Ethernet ),</li><li>• IEEE802.3u(100Base Fast Ethernet),</li><li>• IEEE802.3ab(1000BaseT), IEEE802.3z(1000Base)</li><li>• IEEE802.1D, IEEE802.1w, IEEE802.1P, IEEE802.1Q, IEEE802.1x</li></ul>
<b>Ports</b>	<ul style="list-style-type: none"><li>• 24* RJ45 ports: with 10/100/1000Mbps, Full/Half duplex auto-negotiation and Auto-MDIX function</li><li>• 4* SFP ports shared with Port 21~24 TX ports, auto-detect the connection</li><li>• Console Port: DB9 console port</li></ul>
<b>Filter &amp; Forwarding Rate</b>	<ul style="list-style-type: none"><li>• Full line speed</li></ul>
<b>Transmission method</b>	<ul style="list-style-type: none"><li>• Store-and-forward</li></ul>
<b>Packet Buffer</b>	<ul style="list-style-type: none"><li>• 500K Bytes</li></ul>
<b>Mac Table Size</b>	<ul style="list-style-type: none"><li>• 8K</li></ul>
<b>Max Packet Size</b>	<ul style="list-style-type: none"><li>• 1518 bytes (without tag), 9600 bytes for Jumbo Frame</li></ul>
<b>Switching Capacity</b>	<ul style="list-style-type: none"><li>• 48 Gbps</li></ul>
<b>Packet Forwarding Rate</b>	<ul style="list-style-type: none"><li>• 35.7Mpps</li></ul>
<b>Flow Control</b>	<ul style="list-style-type: none"><li>• Back pressure for half duplex, IEEE802.3x for full duplex</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>• Out-band : Console (CISCO-like Command Line Interface)</li><li>• In-band : SNMP/Telnet/Http/Https</li><li>• Administrator IP/Subnet limit is supported</li></ul>
<b>DHCP</b>	<ul style="list-style-type: none"><li>• Support DHCP Client / Relay / Option 82 functions</li></ul>
<b>SNMP agent</b>	<ul style="list-style-type: none"><li>• Version. 1, 2c</li><li>• Support MIB II(RFC1213), Bridge MIB (RFC 1493),</li><li>• VLAN MIB (802.1Q, RFC2674), Private MIB</li></ul>

<b>VLAN</b>	<ul style="list-style-type: none"> <li>• 802.1Q VLAN with 1024 co-current groups maximum from 4094 VLANs</li> <li>• Port-based VLAN</li> <li>• Private VLAN</li> </ul>
<b>Trunking</b>	<ul style="list-style-type: none"> <li>• Support up to 8 trunks using either static or dynamic trunking(LACP)</li> </ul>
<b>QoS</b>	<ul style="list-style-type: none"> <li>• Four priority queues per port for Port-based &amp; 802.1p tagged-based QoS</li> <li>• Strict Priority/WRR scheduling</li> </ul>
<b>Spanning Tree</b>	<ul style="list-style-type: none"> <li>• 802.1d Spanning Tree Compatible &amp; 802.1w Rapid Spanning Tree</li> </ul>
<b>Port Mirror</b>	<ul style="list-style-type: none"> <li>• Yes</li> </ul>
<b>Static Mac ID Access Limit</b>	<ul style="list-style-type: none"> <li>• Yes, Limit on port</li> </ul>
<b>Dynamic Mac ID Number Limit</b>	<ul style="list-style-type: none"> <li>• Yes</li> </ul>
<b>IEEE 802.1x</b>	<ul style="list-style-type: none"> <li>• Yes, Support Transparent and Authentication modes</li> <li>• Dynamic VLAN &amp; Guest VLAN are supported</li> </ul>
<b>Rate Control</b>	<ul style="list-style-type: none"> <li>• Yes, 1~31 levels, with level is configured between 128Kbps ~ 30Mbps</li> </ul>
<b>Storm Control</b>	<ul style="list-style-type: none"> <li>• Yes, for broadcast/flooding/multicast traffic control</li> </ul>
<b>IP Multicast</b>	<ul style="list-style-type: none"> <li>• IGMP Snooping(256 Groups Max.) / query and MVR function</li> </ul>
<b>Software Upgrade</b>	<ul style="list-style-type: none"> <li>• Out-band: Xmodem, In-band: TFTP/Http/Https</li> </ul>
<b>Configuration Down/Upload</b>	<ul style="list-style-type: none"> <li>• Yes</li> </ul>
<b>Text Configuration</b>	<ul style="list-style-type: none"> <li>• Yes, for easy edit</li> </ul>
<b>Event Log</b>	<ul style="list-style-type: none"> <li>• Yes, and Syslog is supported</li> </ul>
<b>LED Display</b>	<ul style="list-style-type: none"> <li>• Per Port: Link/Act (Green:Gigabit, Yellow:10/100M), Full Duplex</li> <li>• Per Device: Power, System</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• 24W</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• Internal Power Supply 100~240VAC, 50/60 Hz</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating temperature: 0°C to 50°C</li> <li>• Operating Humidity:10% to 90% (Non-Condensing)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 440 * 172 * 44 mm</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## Ordering Information

**RP-G2404I** 24-Gigabit + 4-SFP Slot L2 Managed Switch