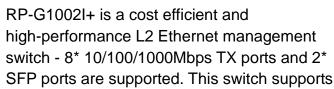
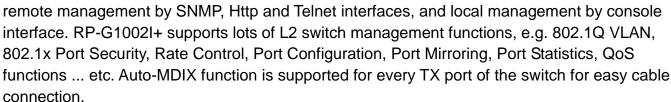
RP-G1002I+

8-P 1000T + 2-SFP(100/1G) slot L2+ Managed Switch





Feature

- CISCO-like command line interface
- IPv6 management
- 8 priority queues are supported on each port for QoS application
- Port-based VLAN, 802.1Q VLAN and Private VLAN
- Protected port and LoopBack Detection function
- Q-in-Q(double tagging) function
- IEEE 802.1x security function, and VLAN assignment, Guest VLAN functions
- Static Mac address access limit and Dynamic Mac address number on port
- IEEE802.1d & 802.1w & 802.1s
- IP Multicast with IGMP snooping / guery / fast leave / filtering /group limited /MVR
- DHCP Client / DHCP Option 82 Relay / DHCP Snooping function
- ACL function for L2 ~ L4 packet control
- Ingress/Egress rate control on port
- Broadcast/Multicast/Unicast storm control
- ARP inspection / IP source guard
- RMON 1,2,3,9
- SFP Transceiver DDMI function(Phase 2) / Dual Speed SFP Ports(100/1000Mbps)
- Remote port configuration setting and statistics monitoring
- Text configuration download and upload
- IEEE 802.3az power management / FANless / Green Ethernet

Specification

Standards	•	IEEE802.3(10BaseT Ethernet), IEEE802.3u(100Base Fast
		Ethernet),
	•	IEEE802.3ab(1000BaseT), IEEE802.3z(1000Base),IEEE802.3x
	•	IEEE802.1D, IEEE802.1w, IEEE802.1P, IEEE802.1Q, IEEE802.1x
	•	IEEE802.3ad, EEE802.1ad
	•	IEEE802.3az Energy Efficient Ethernet
Interface	•	8* RJ45 ports, with 10/100/1000Mbps, Full/Half duplex
		auto-negotiation and Auto-MDIX and Force MDI/MDIX function
	•	2* 100/1G SFP Slot, Port 9 and Port 10
Console Port	•	DB9 console port
CPU	•	416MHz MIPS 24KEc CPU as the main processor which
		integrated on switch controller
Memory	•	Flash: SPI 16MB / RAM: DDRII 128MB
Packet Buffer	•	512K Bytes
Mac Table Size	•	8K
Max Packet Size	•	9600 Bytes
Switching capability	•	14880pps at 10Mbps
	•	148810pps at 100Mbps
	•	1488095pps at 1Gbps with 64 bytes packets
Switch capacity	•	20Gbps
Forwarding Rate	•	14.8Mpps
Port Control	•	Port speed, duplex mode, and flow control
	•	Port frame size (jumbo frames), Maximum ingress frame size
		(9600 bytes)
	•	Port state (administrative status)
	•	Port status (link monitoring)
	•	Port statistics (MIB counters)
	•	Port VeriPHY (cable diagnostics)
	•	Power Control
L2 Switching	•	Auto MAC address learning/aging and MAC addresses (static)
	•	IEEE 802.1Q static VLAN, Private VLAN, Port isolation, Port
		Based VLAN
	•	IEEE 802.1ad Provider Bridge
	•	IEEE 802.1D STP/802.1w RSTP/802.1s MSTP
	•	IEEE 802.3ad Link Aggregation, static and LACP
	•	BPDU guard and restricted role, BPDU transparency
	•	DHCP client, DHCP snooping, DHCP option 82 relay
	•	ARP inspection
	•	Port mirroring
Lever 2 Multiprot	•	IP MAC binding
Layer 2 Multicast	•	IGMPv2, v3 snooping, (1024 groups)
	•	IGMP throttling, filtering, and leave proxy
0.00	•	MVR
QoS	•	8 Priority Queues per Port
	•	Port Based priority
	•	Scheduler priority
	•	QoS Control List

	Storm control for UC, MC, and BC
	Policing and shaping per port and per queue
	 Ingress Policing:(100-1000000 when the "Unit" is "kbps" or "fps"
	and 1-3300 when the "Unit" is "Mbps" or "kfps")
	, , ,
	• Egress Shaping:(100-1000000 when the "Unit" is "kbps", and
	1-3300 when the "Unit" is "Mbps".)
	DiffServ (RF 2474) remarking To a many artists.
0	Tag remarking Part least 1000 100 100 100 100 100 100 100 100 1
Security	Port-based 802.1X, Single 802.1X, Multiple 802.1X
	MAC-based authentication, VLAN assignment, QoS assignment
	Guest VLAN
	RADIUS accounting
	MAC address limit
	• TACACS+
	Web and CLI authentication and authorization
	Authorization (15 levels)
	 ACLs for filtering(256 entries), policing, and port copy
	IP source guard
Synchronization	NTPv4 Client
Power Saving	ActiPHY, PerfectReach
	Ethernet Energy Efficient power management(EEE)
SFP DDMI	Yes (Phase 2)
Management	HTTP server
	CLI console port
	Telnet
	Management access filtering
	SSHv2 and HTTPS
	IPv6 Management
	System Syslog
	Software download through Web
	SNMPv1/v2c/v3 Agent
	• RMON Group 1, 2, 3, and 9
	IEEE 802.1AB-2005 Link Layer Discovery, LLDP
	Text Configuration download or upload
	• sFlow
LED Indicators	Power (Green)
	System(Green)
	 Link / Act: 1000Mbps (Green); 10/100Mbps (Amber)
Power Consumption	8.5 Watt Max.
Power Supply	Internal Power supply 100~240VAC, 50/60 Hz
Environment	Operating temperature : 0°C to 50°C
	 Operating temperature: 0 0 to 30 0 Operating Humidity: 10% to 90% (Non-Condensing)
Dimension	• 250 * 117 * 37 mm
Certification	• FCC, CE

Ordering information

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