YAMAHA

Gigabit VPN Router
RTX810

Performance

- All ports support Gigabit Ethernet
- Internet accessible using USB 3G modems
- 1Gbps throughput
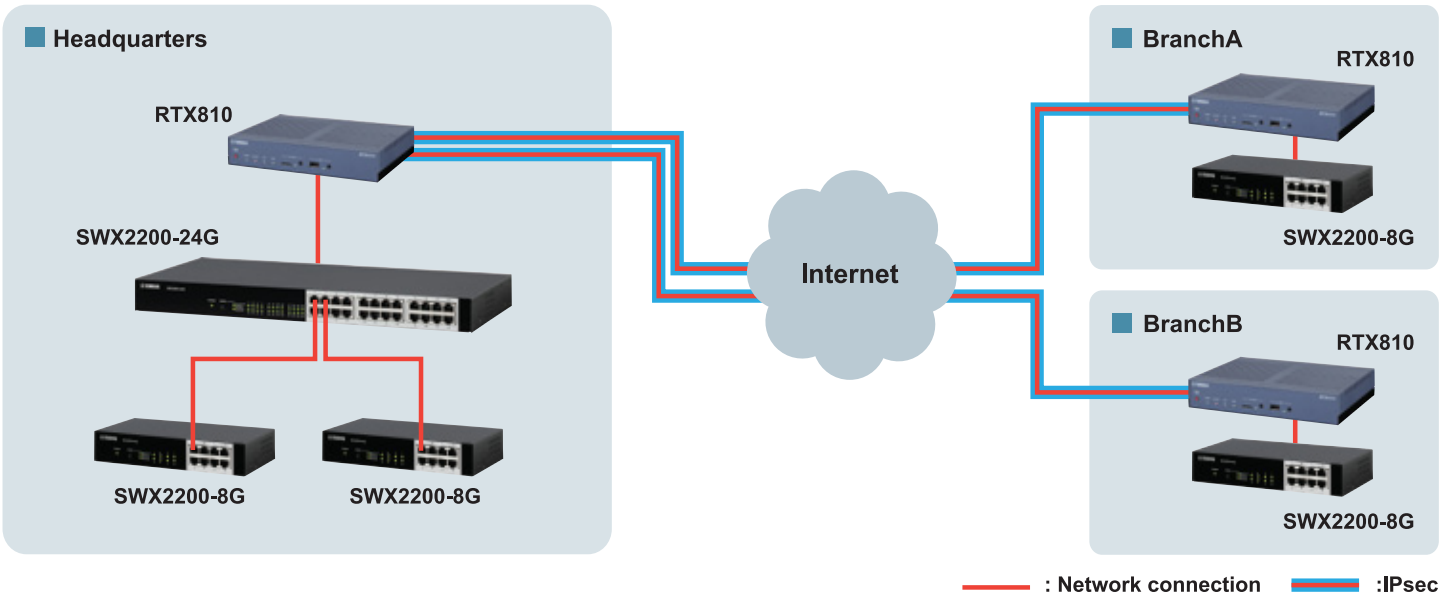- 200Mbps VPN throughput
- IPv6 ready

Management

- Intuitive GUI
- Graphical representation of LAN status in combination with Yamaha L2 Switch SWX2200 series
- Boot from an internal memory or external memory device (microSD)

Reliability

- Highly reliable and durable for business use
- Withstands up to 50°C
- No fan, no noise

Headquarters

RTX810

SWX2200-24G

SWX2200-8G   SWX2200-8G

BranchA

RTX810

SWX2200-8G

BranchB

RTX810

SWX2200-8G

Internet

━━━ : Network connection   ━━━ :IPsec

Interface

Part names

① DOWNLOAD button
② Power LED
③ Line status LEDs
④ microSD slot
⑤ USB port
⑥ Power switch guard
⑦ Power switch
⑧ Console
⑨ LAN port
⑩ WAN port

① ② ③ ④ ⑤   ⑥ ⑦ ⑧ ⑨ ⑩
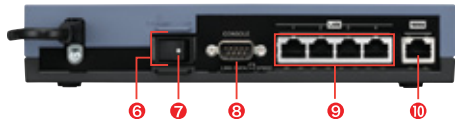
Classification	Item		RTX810
Interface	WAN		1-port Gigabit Ethernet port
	LAN		4-port Gigabit Ethernet managed switch
	3G mobile		with a USB 3G modem
Memory	Internal memory	Configuration	5 set
		Firmware	1 set
		RTFS	Available
	microSD		1 slot, up to 32GB
Power supply	Input range		100-240VAC (50Hz/60Hz)
	Maximum power consumption		11W
Environment	Operating temperature		0-50 degree Celsius
	Operating humidity		15-80% RH
	Regulatory compliance	Safety	IEC 60950-1, EN 60950-1
		EMC	EN 55022 Class A, EN 55024, VCCI Class A
		Environment	RoHS compliant
Hardware	Dimensions (excluding cables and connectors)		220 (W) ×42.6 (H) ×160.5 (D) mm
	Weight (excluding accessories)		870g
	Body material		Plastic case, no fan
	Accessories		LAN cable, Manual, CD-ROM
Performance	Throughput		Up to 1Gbps
	IPsec throughput		Up to 200Mbps
Protocols	IPv4 routing		RIP, RIP2, OSPF, BGP4
	IPv6 routing		RIPng
	IPv6 multicast		IGMP
	WAN		PPPoE (Up to 5 sessions)
Security	IPsec VPN	IKE version	IKEv1, IKEv2
		Concurrent sessions	UP to 50
		Encryption	AES-256/128, Tripple-DES, DES
		Hash	SHA-256, SHA1, MD5
	L2TP over IPsec		Available for smartphones
	Firewall	NAT/NAPT	Up to 10,000 sessions
		SPI	Up to 10,000 sessions
	URL filter		Available
Availability	VRRP		Available
	Backup line		Wired, mobile
	Load balancing		Available
QoS	QoS	Priority queuing	Available
		Bandwidth control	Available
Management	SNMP		Available
	Web GUI		Available
	Command line		SSH, TELNET, serial console
	Configuration file transfer		SFTP, TFTP
	Firmware version up		HTTP, SFTP, TFTP, external memory
	Logging	SYSLOG	Available
		Internal	Up to 3,000 lines (non-Volatile)
		External memory	Available
	Lua script		Available
	Customized GUI		Available

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