Data Sheet

Cisco RVL200 4-Port SSL/IPsec VPN Router
Cisco Small Business Routers

Secure Remote Access for Small Offices

Highlights

- IPsec and SSL VPN connectivity on a single device

- Built-in 4-port 10/100 Fast Ethernet switch

- Advanced stateful packet inspection firewall helps keep your network safe

- Simple, browser-based configuration

Figure 1.   Cisco RVL200 4-Port SSL/IPsec VPN Router

Product Overview

Cisco® Small Business Solutions enable small companies to connect employees, customers, and suppliers - easily, reliably, and affordably. Drawing on a broad portfolio of Cisco products, local partners build and maintain individually tailored solutions that help small businesses around the world work better.

Protection of your network is a mission-critical activity. Cisco Small Business Solutions have advanced firewall, encryption, and authentication features to help keep your wired and wireless networks safe. These features help protect your business from network threats that can seriously disrupt or damage your business by stealing your valuable data, slowing down your network, and interfering with business-critical applications. Cisco solutions also help ensure maximum application availability, so that you can meet corporate governance and business continuance requirements.

The Cisco RVL200 4-Port SSL/IPsec VPN Router (Figure 1) features a VPN security engine that creates encrypted Secure Sockets Layer (SSL) tunnels through the Internet. These SSL VPN tunnels enable remote users working at home or on the road to easily and securely connect to the office network through a typical wired or wireless broadband connection. When used with the Cisco RV016 or other Cisco VPN router, an IP Security (IPsec) gateway-to-gateway connection can be established, allowing users in a remote office to connect to the corporate network.

As an essential element of your business, the Cisco RVL200 provides security functions for authentication and encryption. The integrated stateful packet inspection (SPI) firewall helps protect the network from outside threats. Quality of service (QoS) features provide consistent voice and video quality throughout the network. The Cisco RVL200 also features a built-in 4-port full-duplex 10/100 Ethernet switch to connect four PCs directly, or to connect additional switches.

Features

- Supports five SSL tunnels for remote user connectivity and one IPsec gateway-to-gateway tunnel
- SPI firewall for maximum security
- 4-port 10/100 switch supports automatic medium dependent interface (MDI) and MDI crossover (MDI-X) and up to 200 Mbps of throughput per port
- IP filtering allows for restricted access to the Internet and other network resources
- Management via web, Simple Network Management Protocol (SNMP), and setup wizards make setup easy for administrators

Specifications

Table 1 contains the specifications, package contents, and minimum requirements for the Cisco RVL200 4-Port SSL/IPsec VPN Router.

Table 1.   Specifications for the Cisco RVL200 4-Port SSL/IPsec VPN Router

Specifications	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1Q, IEEE 802.1p, RFC791 (IP protocol)
Ports	Ethernet and Power
Buttons	Reset
Cabling type	Unshielded twisted pair (UTP) Category 5
LEDs	Power, Diag, Internet, LAN 1 through 4
Operating system	Linux
Performance	
Network Address Translation (NAT) throughput	Wire speed - 100 Mbps
SSL throughput	16.99 Mbps
Web user interface	Built-in web user interface for easy browser-based configuration (HTTP/HTTPS)
Management	
SNMP version	SNMP versions 1 and 2c
Event logging	Local, syslog, email
Web firmware upgrade	Firmware upgradable through web browser
Diagnostics	Flash, RAM
Security	
Encryption	Data Encryption Standard (DES), Triple DES (3DES), Advanced Encryption Standard (AES)
Access control	Access rules based on IP and TCP/ User Datagram Protocol (UDP) ports
Firewall	SPI firewall
Content filtering	URL blocking, keyword blocking
Denial of service (DoS)	DoS prevention (ping of death, SYN flood, IP spoofing)
Secure management	HTTPS, username/password
QoS	

- Layer 2 prioritization based on differentiated services code point (DSCP), class of service (CoS) (802.1p), or physical ports
- Bandwidth management of WAN (upstream and downstream) based on services (TCP/UDP ports)

Network	
VLAN support	• 4 LAN ports can be mapped to up to 16 VLANs • 802.1Q VLAN tagging
Dynamic Host Configuration Protocol (DHCP)	DHCP server, DHCP client
DNS	Relay, proxy, Dynamic DNS
NAT	Port Address Translation (PAT), Network Address Port Translation (NAPT), Application Layer Gateway (ALG) support, NAT traversal
Network edge (DMZ)	Software configurable on any LAN port
VPN	• 5 SSL tunnels for remote client access (requiring ActiveX-enabled browsers, such as Internet Explorer and Netscape) • 1 IPsec gateway-to-gateway tunnel for branch office connectivity • DES/3DES/AES encryption • MD5/SHA1 authentication • IPsec NAT transparency (NAT-T) • VPN pass-through of Point-to-Point Tunneling Protocol (PPTP), Layer 2 Tunneling Protocol (L2TP), IPsec

Routing
• Static and Routing Information Protocol (RIP) versions 1 and 2

Environmental	
Dimensions **W x H x D**	6.69 x 1.67 x 6.69 in. (170 x 42.5 x 170 mm)
Unit weight	0.86 lb (0.39 kg)
Power	5V 2A
Certification	FCC Class B, CE, ICES-003
Operating temperature	32ºF to 104ºF (0ºC to 40ºC)
Storage temperature	-4ºF to 158ºF (-20ºC to 70ºC)
Operating humidity	10% to 85% noncondensing
Storage humidity	5% to 90% noncondensing

Package Contents
• Cisco RVL200 4-Port SSL/IPsec VPN Router • User guide on CD-ROM • Network cable • Power adapter • Stands • Registration card • Quick install guide

Minimum Requirements
• Internet Explorer 6.0 or later or Netscape Communicator 8.0 or later for using the SSL VPN • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration via Java/SSL-enabled web browser

Product Warranty
3-year limited hardware warranty with return to factory replacement and 90-day limited software warranty

Cisco Limited Warranty for Cisco Small Business Series Products

This Cisco Small Business product comes with 3-year limited hardware warranty with return to factory replacement and a 90-day limited software warranty. In addition, Cisco offers software application updates for bug fixes and telephone technical support at no charge for the first 12 months following the date of purchase. To download software updates, go to:
http://www.cisco.com/go/smallbiz.

Product warranty terms and other information applicable to Cisco products are available at http://www.cisco.com/go/warranty.

For More Information

For more information on Cisco Small Business products and solutions, visit: http://www.cisco.com/smallbusiness.

Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV
Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

Printed in USA   C78-502734-00   11/08