# Cisco RV130 VPN Router



## Our Newest Model Includes Web Filtering

## Product Overview

The Cisco RV130 VPN Router is an affordable, easy-to-use device that combines high-performance network connectivity to multiple offices and remote employees with essential business-class features. These include Gigabit Ethernet, Quality of Service, IPv6 support, and advanced security, the features you need to successfully build your small business network.

## Features and Benefits

- Web filtering to guard against malicious or non-work-related websites
- High-performance Gigabit Ethernet ports, enabling large file transfers and multiple users
- USB port for 3G/4G modem failover or alternative primary connectivity
- IP Security (IPsec) site-to-site VPN helps enables secure connectivity for remote employees and multiple offices
- Strong security: Proven stateful packet inspection (SPI) firewall and hardware encryption
- Easy to set up and use with wizard-based configuration

Your business and your employees are exposed to phishing, key loggers, spyware, drive-by malware, and other online threats. With our newest models that include web filtering, you can keep your employees and users safe from unwanted content and malicious websites. And you can do so without compromising users' online experience. You can even help boost employee productivity and network performance by limiting Internet surfing to appropriate site categories and eliminating unwanted network traffic. Users are also automatically protected from malicious or compromised websites, regardless of site categorization.

As business applications become more powerful and complex, they are also increasing demands on your network. To stay productive and keep in touch with customers, business partners, and colleagues, your employees need reliable, high-performance connectivity - inside and outside the office.

The Cisco RV130 VPN Router delivers highly secure broadband connectivity and remote access for multiple offices and remote workers. Designed specifically for small businesses, it delivers a comprehensive combination of business-class features and ease of use in one affordable solution.

The Cisco RV130 features a built-in 4-port Gigabit Ethernet managed switch that lets you connect network devices and transfer files and data at high speed. Intelligent quality of service (QoS) features let you prioritize network traffic to keep critical network applications like voice and video running at their best.

To help you connect remote users or additional offices, the Cisco RV130 offers enterprise-class encryption and authentication, including support for IPsec and Point-to-Point Tunneling Protocol (PPTP) VPN client connections and IPsec gateway-to-gateway VPN tunnels. The RV130 also features a USB port for 3G/4G Broadband failover or for alternative uses can be used for primary connectivity.

Easy to set up and use right out of the box, the router features a simple wizard-based configuration to get you up and running in minutes.

With the Cisco RV130 VPN Router, you can take advantage of enterprise-class performance, security, and reliability - at a price your small business can afford.

## Product Specifications

Table 1 lists the product specifications for the Cisco RV130.

**Table 1.**  Product Specifications

| Specifications | Description |
|---|---|
| **Standards** | IEEE, 802.3, 802.3u, 802.1D, 802.1p, 802.1w (Rapid Spanning Tree), 802.1Q (VLAN), IPv4 (RFC 791), IPv6 (RFC 2460), Routing Information Protocol (RIP) v1 (RFC 1058), RIP v2 (RFC 1723) |
| **Ports** | LAN, WAN, USB |
| **Switch** | Power button (on/off) |
| **Buttons** | Reset |
| **Cabling type** | Category 5e or better |
| **LEDs** | Power, VPN, USB, WAN, LAN (ports 1-4) |
| **Operating system** | Linux |
| **Network** | |
| **Network Protocols** | • Dynamic Host Configuration Protocol (DHCP) server<br>• Point-to-Point Protocol over Ethernet (PPPoE)<br>• Point-to-Point Tunneling Protocol (PPTP)<br>• Layer 2 Tunneling Protocol (L2TP)<br>• DNS proxy<br>• DHCP relay agent<br>• IGMP Proxy and multicast forwarding<br>• Rapid Spanning Tree Protocol (RSTP)<br>• Dynamic Domain Name System (TZO, DynDNS, 3322.org, NOIP)<br>• Network Address Translation (NAT), Port Address Translation (PAT)<br>• One-to-One NAT<br>• Port management<br>• Port mirroring<br>• Software configurable DMZ to any LAN IP address<br>• Session Initiation Protocol (SIP) Application Layer Gateways (ALG) |
| **LAN** | Four (4) 10/100/1000 Mbps Gigabit LAN ports with managed switch |
| **WAN** | One (1) 10/100/1000 Mbps Gigabit WAN port |
| **Routing Protocols** | • Static routing<br>• Dynamic routing<br>• RIP v1 and v2<br>• Inter-VLAN routing |

| Specifications | Description |
|---|---|
| **Network Address Translation (NAT) Protocol** | Port Address Translation (PAT), Network Address Port Translation (NAPT) |
| **VLAN Support** | Port-based and 802.1Q tag-based VLANs |
| **Number of VLANs** | 5 active VLANs (3-4096 range) |
| **IPv6** | • Dual-stack IPv4 and IPv6<br>• 6to4 tunneling<br>• Stateless address auto-configuration<br>• DHCPv6 Server for IPv6 Clients on LAN<br>• DHCP v6 client for WAN connectivity<br>• Internet Control Message Protocol (ICMP) v6<br>• Static IPv6 Routing<br>• Dynamic IPv6 Routing with RIPng |
| **Network Edge (DMZ)** | Software configurable to any LAN IP address |
| **Layer 2** | 802.1Q-based VLANs, 5 active VLANs |
| **Security** | |
| **Firewall** | Stateful packet inspection (SPI) firewall, port forwarding and triggering, denial-of-service (DoS) prevention, software-based DMZ<br>DoS attacks prevented:<br>• SYN Flood<br>• Echo Storm<br>• ICMP Flood<br>• UDP Flood<br>• TCP Flood<br>Block Java, Cookies, ActiveX, HTTP Proxy |
| **Access Control** | IP access control lists |
| **Content Filtering** | Static URL blocking or keyword blocking |
| **Web filtering** | Content filtering that covers more than 27 billion URLs |
| **Secure Management** | HTTPS, username/password complexity |
| **User Privileges** | 2 levels of access: admin and guest |
| **VPN** | |
| **Gateway-to-gateway IPsec VPN** | 10 gateway-to-gateway IPsec tunnels |
| **Client-to-gateway IPsec VPN** | 10 client-to-gateway IPsec tunnels using TheGreenBow and ShrewSoft VPN client |
| **PPTP VPN** | 10 PPTP tunnels for remote client access |
| **Encryption** | Triple Data Encryption Standard (3DES), Advanced Encryption Standard (AES) |
| **Authentication** | MD5/SHA1 |
| **VPN Pass-through** | IPsec/PPTP/Layer 2 Tunneling Protocol (L2TP) pass-through |
| **Quality of Service** | |
| **QoS** | • 802.1p port-based priority on LAN port, application-based priority on WAN port<br>• 3 queues<br>• Differentiated Services Code Point support (DSCP)<br>• Class of Service (CoS)<br>• Bandwidth Management for service prioritization |
| **Jumbo Frame Support** | • Supports Jumbo Frame on Gigabit ports-at least 1536B |
| **Performance** | |
| **NAT Throughput** | 800 Mbps |
| **Concurrent Sessions** | 12,000 |
| **IPsec VPN Throughput (3DES/AES)** | 50 Mbps |

| Specifications | Description |
|---|---|
| **Configuration** | |
| **Web User Interface** | Simple, browser-based configuration (HTTP/HTTPS) |
| **Management** | |
| **Management Protocols** | Web browser, Simple Network Management Protocol (SNMP) v3, Bonjour, Universal Plug and Play (UPnP) |
| **Event Logging** | Local, syslog, email alerts |
| **Network Diagnostics** | Ping, Traceroute, and DNS Lookup |
| **Upgradability** | Firmware upgradable through web browser, imported/exported configuration file |
| **System Time** | Supports NTP, daylight savings, manual entry |
| **Languages** | GUI supports English, French, Italian, German, and Spanish |
| **Environmental** | |
| **Power** | 12V 2A |
| **Certifications** | FCC class B, CE, IC |
| **Operating Temperature** | 0° to 40°C (32° to 104°F) |
| **Storage Temperature** | -20° to 70°C (-4° to 158°F) |
| **Operating Humidity** | 10 to 85 percent noncondensing |
| **Storage Humidity** | 5 to 90 percent noncondensing |

## Warranty Information

This Cisco Small Business product comes with a limited lifetime hardware warranty. Product warranty terms and other information applicable to Cisco products are available at http://www.cisco.com/go/warranty.

## Cisco Small Business Support Service

The Small Business Support Service is a device-level service agreement that expands and enhances the technical support exclusively for Cisco Small Business Products. Buying the service extends phone support to three years; adds next-business-day, advance product replacement; and expands Cisco phone support from eight hours, five days a week to 24-hours, seven days a week.

## Ordering Information

To place an order, visit the Cisco Ordering Home Page.

**Table 2.**     Ordering Information

| Part Number | Product Name | Countries |
|---|---|---|
| **RV130-WB-K9-NA** | Cisco RV130 VPN Router with Web Filtering | Unites States, Canada, Brazil, Mexico |
| **RV130-WB-K9-G5** | | EU, Russia, India, Korea, Hong Kong, Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam |

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## For More Information

To download software, visit the Cisco Software Center.

For more information on the RV130 VPN Router, visit http://www.cisco.com/go/rv130.

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