

# Cisco RV134W VDSL2 Wireless-AC VPN Router



## VDSL2 Connectivity for Small Businesses

When you need Very High Bit Rate Digital Subscriber Line 2 (VDSL2) business networking connectivity, the Cisco® RV134W VDSL2 Wireless-AC VPN Router is an ideal product.

This model offers a robust firewall and VPN for highly secure communications. Its Ethernet WAN port makes it a flexible solution.

Like Cisco RV132W Wireless-N ADSL2+ VPN Router, the RV134W offers networking in a single box.

### Features:

- IPsec VPN security
- Wireless-AC access point
- Built-in four-port Gigabit Ethernet (GE) switch
- VDSL2 connectivity
- Backward compatible to ADSL2+
- GE WAN
- USB 3G/4G/LTE
- Limited lifetime warranty
- Industry-leading support
- Internal antennas
- Sleek new design

The RV134W can connect to a VDSL2 interface or to a regular Ethernet WAN interface. The router supports the free Cisco Small Business [FindIT](#) Network Discovery Utility, which allows for automatic discovery and one-click software downloads.

The RV134W comes with a limited lifetime warranty and award-winning support. Table 1 shows the router's specifications.

**Table 1.** Specifications of the RV134W VDSL2 Wireless-AC VPN Router

Specifications	Description
<b>Standards</b>	IEEE 802.11ac, 802.11n, 802.11g, 802.11b, 802.3, 802.3u, 802.1D, 802.1p, 802.1w (Rapid Spanning Tree), 802.1X (security authentication), 802.1Q (VLAN), 802.11i (Wi-Fi Protected Access [WPA2] security), 802.11e (wireless QoS), IPv4 (RFC 791), IPv6 (RFC 2460), Routing Information Protocol (RIP) v1 (RFC 1058), RIP v2 (RFC 1723)
<b>Ports</b>	LAN, WAN, USB, console
<b>Switch</b>	Power button (on, off)
<b>Buttons</b>	Reset, Wi-Fi on, off
<b>Cabling type</b>	Category 5e or better
<b>LEDs</b>	Power, DSL and WAN, Internet, LAN (ports 1-4), wireless, VPN, USB
<b>Operating system</b>	Linux
<b>Network</b>	
<b>Networking protocols</b>	Dynamic Host Configuration Protocol (DHCP) server
	Point-to-Point Protocol over Ethernet (PPPoE)
	Point-to-Point Tunneling Protocol (PPTP)
	DNS proxy
	DHCP relay agent
	Internet Group Management Protocol (IGMP) proxy and multicast forwarding
	Rapid Spanning Tree Protocol (RSTP)
	Dynamic Domain Name System (DynDNS, NOIP)
	Network Address Translation (NAT), Port Address Translation (PAT)
	One-to-one NAT
	Port management
	Port mirroring
	Software configurable DMZ to any LAN IP address
	Session Initiation Protocol (SIP) Application Layer Gateways (ALG)
<b>LAN</b>	4 10/100/1000-Mbps LAN ports with a managed switch
<b>WAN</b>	1 10/100/1000-Mbps GE WAN port
<b>WAN</b>	1 VDSL2
<b>WLAN</b>	Built-in high-speed 802.11ac wireless access point
<b>Routing protocols</b>	Static routing Dynamic routing RIP v1 and v2 Inter-VLAN routing
<b>Network Address Translation (NAT)</b>	Port Address Translation (PAT), Network Address Port Translation (NAPT) protocol
<b>VLAN support</b>	Port-based and 802.1Q tag-based VLANs
<b>Number of VLANs</b>	6 active VLANs (2-4094 range)
<b>IPv6</b>	Dual-stack IPv4 and IPv6 6rd Stateless address auto-configuration DHCPv6 server for IPv6 clients on a LAN DHCPv6 client for WAN connectivity Internet Control Message Protocol (ICMP) v6 Static IPv6 routing

Specifications	Description
	Dynamic IPv6 routing with RIPng
<b>Network edge (DMZ)</b>	Software-configurable to any LAN IP address
<b>Layer 2</b>	802.1Q-based VLANs, 6 active VLANs
<b>Security</b>	
<b>Firewall</b>	Stateful packet inspection (SPI) firewall, port forwarding and triggering, denial-of-service (DoS) prevention, software-based DMZ DoS attacks prevented: SYN Flood Echo Storm ICMP Flood UDP Flood TCP Flood Block Java, cookies, active-X, HTTP proxy
<b>Access control</b>	IP access control lists; MAC-based wireless access control
<b>Content filtering</b>	Static URL blocking or keyword blocking
<b>Secure management</b>	HTTPS, username and password complexity
<b>Wi-Fi Protected Setup (WPS)</b>	WPS
<b>User privileges</b>	2 levels of access: admin and guest
<b>Quality of Service (QoS)</b>	
<b>QoS</b>	802.1p port-based priority on LAN ports, application-based priority on WAN ports 4 queues Differentiated Services Code Point support (DSCP) Class of Service (CoS) Bandwidth management for service prioritization
<b>Performance</b>	
<b>NAT throughput</b>	750 Mbps (Ethernet WAN)
<b>Concurrent sessions</b>	7500
<b>IPsec VPN throughput (3DES, AES)</b>	20 Mbps
<b>Configuration</b>	
<b>Web user interface</b>	Simple, browser-based configuration (HTTP, HTTPS)
<b>Command-line interface (CLI)</b>	Command line using SSH
<b>Management</b>	
<b>Web user interface</b>	Simple, browser-based configuration (HTTP, HTTPS)
<b>CLI</b>	Command line using SSH
<b>Management protocols</b>	Web browser, Bonjour, Universal Plug and Play (UPnP)
<b>Event logging</b>	Local, syslog, email alerts
<b>Network diagnostics</b>	Ping, Traceroute, DNS lookup, and Port Mirror
<b>Upgradability</b>	Firmware-upgradable through web browser, imported or exported configuration file
<b>System time</b>	Supports NTP, daylight savings, manual entry
<b>Languages</b>	GUI supports English
<b>Wireless</b>	
<b>Radio and modulation type</b>	802.11b: direct sequence spread spectrum (DSSS), 802.11g: orthogonal frequency division multiplexing (OFDM), 802.11n: OFDM, 802.11ac: OFDM
<b>WLAN</b>	5-GHz 802.11ac, 2.4-GHz IEEE 802.11n standard-based access point with 802.11b/g compatibility
<b>Operating channels</b>	11 North America, 13 most of Europe, auto-channels selection
<b>Wireless isolation</b>	Wireless isolation between clients
<b>Internal antennas</b>	4

Specifications	Description
<b>Antenna gain in dBi</b>	2 dBi
<b>Transmit power</b>	2.4 GHz 802.11b: 19d Bm +/- 2.5 dBm 802.11g: 17 dBm +/- 2.5 dBm 802.11n: 15 dBm +/- 2.5 dBm 5 GHz 802.11a: 15 dBm +/- 2.5 dBm 802.11n: 14 dBm +/- 2.5 dBm 802.11ac: 12 dBm +/- 2.5 dBm
<b>Receiver sensitivity</b>	2.4 GHz -86 dBm at 11 Mbps, -74 dBm at 54 Mbps -68 dBm at mcs15, HT20 -65 dBm at mcs15, HT40 5 GHz -74 dBm at 54 Mbps -68 dBm at mcs15, HT20 -64 dBm at mcs15, HT40 -64 dBm at mcs8nss=2, VHT20 -59 dBm at mcs9nss=2, VHT40 -57 dBm at mcs9nss=2, VHT80
<b>Radio frequency</b>	Dual-band 2.4 GHz and 5 GHz
<b>Active WLAN clients</b>	Supports up to 100 concurrent clients
<b>Multiple SSIDs</b>	Supports multiple Service Set Identifiers (SSIDs), 4 SSIDs per radio (band), 8 SSIDs in total.
<b>Wireless VLAN map</b>	Supports SSID to VLAN mapping with wireless client isolation
<b>WLAN security</b>	Wired Equivalent Privacy (WEP), WPA, WPA2-PSK, WPA2-ENT, 802.11i
<b>Wi-Fi Multimedia (WMM)</b>	WMM, WMM power save (WMM-PS)
<b>Environmental</b>	
<b>Power</b>	12 V/2.5 A (for NA/AZ SKU) 12 V/3 A (for G5/IN SKU)
<b>Certifications</b>	FCC, CE, IC, Wi-Fi
<b>Operating temperature</b>	0° to 40°C (32° to 104°F)
<b>Storage temperature</b>	-20° to 70°C (-4° to 158°F)
<b>Operating humidity</b>	10% to 85% non-condensing

## 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 the [Cisco Product Warranties webpage](#).

## 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 support, advance product replacement; and expands Cisco phone support from eight hours, five days a week to 24-hours daily.

## Ordering Information

Table 2 identifies part numbers and available countries for ease in ordering. To place an order, visit the [Cisco Ordering webpage](#).

**Table 2.** Ordering Information

Part Number	Countries
RV134W-A-K9-NA	U.S., Canada, Latin America
RV134W-E-K9-G5	EU, APAC
RV134W-C-K9-IN	India
RV134W-E-K9-AU	Australia, New Zealand

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