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
Standards	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)
Ports	LAN, WAN, USB, console
Switch	Power button (on, off)
Buttons	Reset, Wi-Fi on, off
Cabling type	Category 5e or better
LEDs	Power, DSL and WAN, Internet, LAN (ports 1-4), wireless, VPN, USB
Operating system	Linux
Network	
Networking protocols	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)
LAN	4 10/100/1000-Mbps LAN ports with a managed switch
WAN	1 10/100/1000-Mbps GE WAN port
WAN	1 VDSL2
WLAN	Built-in high-speed 802.11ac wireless access point
Routing protocols	Static routing Dynamic routing RIP v1 and v2 Inter-VLAN routing
Network Address Translation (NAT)	Port Address Translation (PAT), Network Address Port Translation (NAPT) protocol
VLAN support	Port-based and 802.1Q tag-based VLANs
Number of VLANs	6 active VLANs (2-4094 range)
IPv6	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
Network edge (DMZ)	Software-configurable to any LAN IP address
Layer 2	802.1Q-based VLANs, 6 active VLANs
Security	
Firewall	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
Access control	IP access control lists; MAC-based wireless access control
Content filtering	Static URL blocking or keyword blocking
Secure management	HTTPS, username and password complexity
Wi-Fi Protected Setup (WPS)	WPS
User privileges	2 levels of access: admin and guest
Quality of Service (QoS)	
QoS	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
Performance	
NAT throughput	750 Mbps (Ethernet WAN)
Concurrent sessions	7500
IPsec VPN throughput (3DES, AES)	20 Mbps
Configuration	
Web user interface	Simple, browser-based configuration (HTTP, HTTPS)
Command-line interface (CLI)	Command line using SSH
Management	
Web user interface	Simple, browser-based configuration (HTTP, HTTPS)
CLI	Command line using SSH
Management protocols	Web browser, Bonjour, Universal Plug and Play (UPnP)
Event logging	Local, syslog, email alerts
Network diagnostics	Ping, Traceroute, DNS lookup, and Port Mirror
Upgradability	Firmware-upgradable through web browser, imported or exported configuration file
System time	Supports NTP, daylight savings, manual entry
Languages	GUI supports English
Wireless	
Radio and modulation type	802.11b: direct sequence spread spectrum (DSSS), 802.11g: orthogonal frequency division multiplexing (OFDM), 802.11n: OFDM, 802.11ac: OFDM
WLAN	5-GHz 802.11ac, 2.4-GHz IEEE 802.11n standard-based access point with 802.11b/g compatibility
Operating channels	11 North America, 13 most of Europe, auto-channels selection
Wireless isolation	Wireless isolation between clients
Internal antennas	4

Specifications	Description
Antenna gain in dBi	2 dBi
Transmit power	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
Receiver sensitivity	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
Radio frequency	Dual-band 2.4 GHz and 5 GHz
Active WLAN clients	Supports up to 100 concurrent clients
Multiple SSIDs	Supports multiple Service Set Identifiers (SSIDs), 4 SSIDs per radio (band), 8 SSIDs in total.
Wireless VLAN map	Supports SSID to VLAN mapping with wireless client isolation
WLAN security	Wired Equivalent Privacy (WEP), WPA, WPA2-PSK, WPA2-ENT, 802.11i
Wi-Fi Multimedia (WMM)	WMM, WMM power save (WMM-PS)
Environmental	
Power	12 V/2.5 A (for NA/AZ SKU) 12 V/3 A (for G5/IN SKU)
Certifications	FCC, CE, IC, Wi-Fi
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% 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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