

Product Specifications of the RV130W Wireless Multifunction VPN Router with Web Filtering



Objective

The Cisco RV130W Wireless Multifunction VPN Router with Web Filtering is an easy-to-use, flexible, high-performance device well suited for small businesses. Now with web filtering, the new RV130W delivers highly secure, broadband, and wireless connectivity to small offices and remote employees. It can also be used either as a standalone wireless router, access point, bridge, or repeater for flexible deployments, offering investment protection as your business needs to evolve.

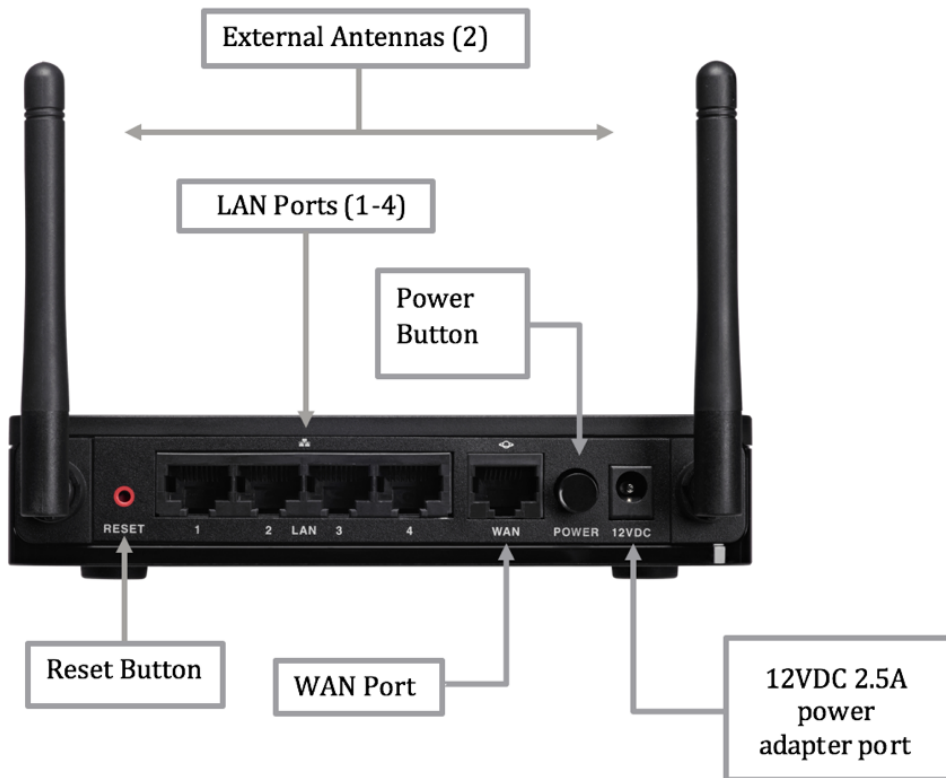
This article aims to provide product specifications about the RV130W Wireless Multifunction VPN Router with Web Filtering.

Note: To know more about the RV130W Wireless Multifunction VPN Router with Web Filtering, click [here](#).

Product Specifications

Specifications	Description
Standards	IEEE 802.11a, 802.11n, 802.11g, 802.11b, 802.3, 802.3u, 802.1X (security authentication), 802.1Q (VLAN), 802.1D (Spanning Tree), 802.11i (WPA2 security), 802.11e (wireless QoS), Routing Information Protocol (RIP) v1 (RFC 1058), RIP v2 (RFC 1723), IPv4 (RFC 791), IPv6 (RFC 2460)

Operating System	Linux
Antennas	2 flexible external antennas
Cabling Type	Category 5e or better



Physical Interfaces

Specifications	Description
Ports	4 – 10/100/1000 Mbps Gigabit LAN ports with managed switch, WAN, USB, 12VDC power adapter port
Buttons	Reset button, Power button
LEDs	Power, VPN, LAN (1-4), WAN, USB, and WLAN
Lock Slot	Slot for Kensington lock
Physical Specifications	
Physical dimensions (W x D x H)	149.86 x 29.9 x 150.11 mm (8.9 x 3.4 x 8.7 in)
Weight	0.72 kg (1.6 lb)

Network Capabilities

Specifications	Description
VLAN Support	Yes
Network Protocols	Dynamic Host Configuration Protocol (DHCP) server
	Point-to-Point Protocol over Ethernet (PPPoE)
	Point-to-Point Tunneling Protocol (PPTP)

	<p>DNS proxy</p> <p>Internet Group Management Protocol (IGMP) proxy and multicast forwarding</p> <p>Rapid Spanning Tree Protocol (RSTP)</p> <p>Dynamic Domain Name System (DynDNS), No Internet Protocol (NOIP)</p> <p>Network Address Translation (NAT), Port Address Translation (PAT)</p> <p>Software-configurable DMZ to any LAN IP address</p> <p>One-to-one NAT</p> <p>Port management</p> <p>Port mirroring</p> <p>Bonjour</p>
Number of VLANs	5 active VLANs (3-4096 range)
WLAN	Built-in high-speed 802.11n Wireless Access Point
802.1X supplicant	Yes
Routing Protocols	<p>Static routing</p> <p>Dynamic routing</p> <p>RIP v1 and v2</p> <p>Inter-VLAN routing</p>
Network Address Translation (NAT)	PAT, Network Address Port Translation (NAPT) protocol
Network edge (DMZ)	Software-configurable to any LAN IP address
Spanning tree	Yes
Load balancing	Yes
Quality of Service (QoS)	<p>WAN Queuing</p> <p>3 queues</p> <p>Differentiated Services Code Point Support (DSCP)</p> <p>Class of Service (CoS)</p> <p>Bandwidth Management for service prioritization</p>
IPv6	Dual-stack IPv4 and IPv6

	6to4 tunneling Stateless address auto-configuration DHCPv6 Server for IPv6 Clients on LAN DHCP v6 client for WAN connectivity Internet Control Message Protocol (ICMP) v6 Static IPv6 Routing Dynamic IPv6 Routing with RIPng IPv6 host support IPv6 RADIUS Network Time Protocol (NTP)
Layer 2	802.1Q-based VLANs, 32 active VLANs plus one management VLAN

Wireless

Specifications	Description
Radio and modulation type	802.11b: direct sequence spread spectrum (DSSS), 802.11g: orthogonal frequency division multiplexing (OFDM), 802.11n: OFDM
WLAN	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
Antenna gain in dBi	2 flexible external antennas
Transmit power	802.11b: 16.5 dBm +/- 1.5 dBm; 802.11g: 15 dBm +/- 1.5 dBm; 802.11n: 12.5 dBm +/- 1.5 dBm
Receiver sensitivity	-87 dBm at 11 Mbps, -71 dBm at 54 Mbps, -68 dBm at mcs15, HT20, -66 dBm at mcs15, HT40
Radio Frequency	Single-band, works on 2.4 GHz
Wireless Domain Service (WDS)	Allows wireless signals to be repeated by up to 4 compatible devices
Operating Modes	Multifunction device-wireless router, access point mode with WDS, Point-to-Point Bridge mode with WDS, Point-Multi Point Bridge mode with WDS, Repeater mode with WDS
Active WLAN Clients	Support up to 64 concurrent clients in wireless router mode and wireless Access Point mode

Multiple SSIDs	Supports multiple Service Set Identifiers (SSIDs), up to 4 separate virtual networks
WLAN Security	Wired Equivalent Privacy (WEP), WPA, WPA2-PSK, WPA2-ENT, 802.11i
Wi-Fi Multimedia	WMM, WMM power save (WMM-PS)

Security

Specifications	Description
Access control	Yes, management access control list (ACL) plus MAC ACL
Secure management	HTTPS, username/password complexity
Firewall	Stateful packet inspection (SPI) firewall, port forwarding and triggering, Denial-of-Service (DoS) prevention, software-based DMZ DoS attacks prevented: <ul style="list-style-type: none"> • SYN Flood • Echo Storm • ICMP Flood • UDP Flood • TCP Flood Blocks Java, cookies, active-X, HTTP proxy
Web Filter	Filters malicious and blocks harmful websites
IP Source Guard	Bind IP addresses to MAC addresses
VPN	
Gateway to Gateway IPsec VPN	10 gateway-to-gateway IPsec tunnels
Client-to-Gateway IPsec	10 client-to-gateway IPsec tunnels using TheGreenBow and ShrewSoft VPN client
PPTP VPN	10 maximum tunnels
VPN Passthrough	IPSec/PPTP/Layer 2 Tunneling Protocol (L2TP) pass-through
VPN throughput (IPsec)	50 Mbps

Configuration

Specifications	Description
Web-based utility	Simple, browser-based configuration (HTTP, HTTPS)
Management protocols	Web browser, Simple Network Management Protocol (SNMP) v3, Bonjour, Universal Plug and Play (UPnP)
Remote management	Yes
Event logging	Local, remote syslog, email alerts
Network diagnostics	Local, remote syslog, email alerts
Web firmware upgrade	Firmware upgradable through web browser, imported and exported configuration file
Dynamic Host Configuration Protocol (DHCP)	DHCP Client
IPv6 host	Yes

HTTP redirect	Yes
System time	Supports NTP, daylight savings manual entry
Languages	GUI support English

Environmental

Specifications	Description
Power	12V 2.5 A
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