

Refurbished CISCO RV130W-E-K9-G5 Datasheet

CISCO > ROUTERS

Cisco Small Business RV Series Routers

Product Specifications	
Specifications	
Standards	IEEE 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
Switch	Power button (on/off)
Buttons	Reset
Cabling Type	Category 5e or better
LEDs	Power, VPN, USB, WAN, Wireless, LAN (ports 1-4)
Network	
Network Protocols	Dynamic Host Configuration Protocol (DHCP) server Point-to-Point Protocol over Ethernet (PPPoE) Point-to-Point Tunneling Protocol (PPTP) Layer 2 Tunneling Protocol (L2TP) DNS proxy DHCP relay agent IGMP proxy and multicast forwarding Rapid Spanning Tree Protocol (RSTP) Dynamic Domain Name System (TZO, DynDNS, 3322.org, 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	Four (4) 10/100/1000 Mbps Gigabit LAN ports with managed switch
WAN	Single (1) 10/100/1000 Mbps Gigabit WAN port
WLAN	Built-in high-speed 802.11n 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	5 active VLANs (3-4096 range)
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
Network Edge (DMZ)	Software configurable to any LAN IP address

Security	
Firewall	Stateful packet inspection (SPI) firewall, port forwarding and triggering, denial-of-service (DoS) prevention, software-based DMZ DoS Attacks Prevented: SYN Flood Detect Rate 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/password complexity
WPS	Wi-Fi Protected Setup
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)
Authentication	MD5/SHA1
Quality of Service	
QoS	802.1p port-based priority on LAN port, application-based priority on WAN port 3 queues Differentiated Services Code Point support (DSCP) Class of Service (CoS) Bandwidth Management for service prioritization
Performance	
NAT Throughput	800 Mbps
Concurrent Sessions	12,000
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, Day Light Savings, Manual entry
Wireless	
Radio and modulation type	802.11b: direct sequence spread spectrum (DSSS), 802.11g: orthogonal frequency division multiplexing (OFDM), 802.11n: OFDM
WLAN	2.4GHz 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
External antennas	2 fixed antennas
Antenna gain in dBi	2 dBi
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 2.4GHz
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
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
Environmental	
Power	12V 2A
Certifications	FCC class B, 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 percent noncondensing

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