

Cisco RV220W - Especificaciones

Description	Specification
Standards	<ul style="list-style-type: none"> • IEEE 802.11n, 802.11g, 802.11b, 802.3, 802.3u • 802.1X (security authentication) • 802.1Q (VLAN) • 802.11i (Wi-Fi Protected Access [WPA2] security) • 802.11e (wireless quality of service [QoS]) • IPv4 (RFC 791), IPv6 (RFC 2460) • Routing Information Protocol (RIP) v1 (RFC 1058), RIP v2 (RFC 1723)
Network protocols	<ul style="list-style-type: none"> • Dynamic Host Configuration Protocol (DHCP) server, DHCP relay agent • Static IP • Point-to-Point Protocol over Ethernet (PPPoE) • Point-to-Point Tunneling Protocol (PPTP) • Layer 2 Tunneling Protocol (L2TP) • Spanning Tree Protocol (STP) • Dynamic DNS (DDNS) (DynDNS, TZO)
Routing protocols	<ul style="list-style-type: none"> • Static • RIP v1, v2
NAT protocol	<ul style="list-style-type: none"> • Port Address Translation (PAT) • Network Address Port Translation (NAPT), NAT traversal, one-to-one NAT • Session Initiation Protocol Application Layer Gateway (SIP ALG)
IPv6	<ul style="list-style-type: none"> • Dual-stack IPv4 and IPv6 • 6-to-4 • Stateless address auto-configuration • DHCP v6 • Internet Control Message Protocol (ICMP) v6
Network edge (DMZ)	Software configurable on any IP address
VLAN support	Port-based and 802.1q tag-based VLANs, inter-VLAN routing
Number of VLANs	16 active VLANs (1-4096 range)
Security	
Firewall	Stateful packet inspection (SPI) firewall, firewall rules
Access control	MAC-based access control, IP/MAC binding, wireless profiles
Content filtering	Static URL blocking, keyword blocking, approved URL
Secure management	HTTPS, username/password, X.509 v3 certificates
802.1x supplicant	Port-based RADIUS authentication (Extensible Authentication Protocol [EAP] MD5, Protected EAP [PEAP])
Certificates	X.509 v3 certificates, certificate upload using PEM format
VPN	
IPsec	25 IPsec site-to-site tunnels
QuickVPN	25 QuickVPN tunnels for remote client access
SSL VPN	5 SSL VPN tunnels
SSL VPN platforms	Microsoft Windows 2000/XP/Vista 32 and 64-bit/Windows 7; Mac OSX 10.4+
PPTP	10 PPTP tunnels for remote access
Encryption	Data Encryption Standard (DES), Triple Data Encryption Standard (3DES) and Advanced Encryption Standard (AES) encryption (128, 192, 256-bit)
Authentication	MD5/SHA1 authentication
VPN pass-through	PPTP, L2TP, IPsec
Advanced VPN	Dead Peer Detection (DPD), IPsec NAT traversal, Group VPN
Quality of Service	
Prioritization types	802.1p port-based priority on LAN port, application-based priority on WAN port
Queues	4 queues
Performance	
NAT throughput	800 Mbps
Concurrent sessions	6000
IPsec VPN throughput (3DES / AES)	90 Mbps
SSL VPN throughput	25 Mbps
Configuration	
Web user interface	Simple browser-based device manager (HTTP/HTTPS)

Management	
Management protocols	Web browser, Simple Network Management Protocol (SNMP) version 1, 2c, 3, Bonjour, Universal Plug and Play (UPnP), Simple Network Time Protocol (SNTP)
Event logging	Local, syslog, email alerts, packet captures
Upgradability	Firmware upgradable through web browser, imported/exported configuration in text format

Wireless LAN Specification

Description	Specification
Product Dimensions (W x H x D)	8.66" x 1.54" x 6.69" 220 mm x 39 mm x 170 mm
Ports	1 x 10/100/1000 Mbps Gigabit Ethernet WAN 4 x 10/100/1000 Mbps Gigabit Ethernet LAN Power
Spec/modulation	<ul style="list-style-type: none"> • 802.11 b/g/a/n • Binary phase-shift keying (BPSK) • Quadrature phase-shift keying (QPSK), • Quadrature amplitude modulation (QAM): 16-QAM, 64-QAM
Channels	FCC: <ul style="list-style-type: none"> • 2.4 GHz: channels 1-11 • 5.15 - 5.25 GHz: channels 36, 40, 44, 48 • 5.725 - 5.825 GHz: channels 149, 153, 157, 161, 165
Channel selection	Auto channel selection
External antennas	Two detachable antennae with reverse SMA connectors
Internal antenna	One fixed internal antenna
Antenna gain in dBi	Two omni-directional antennae with maximum 2 dBi gain One directional internal antenna with maximum 6.6 dBi gain
Transmit power	<ul style="list-style-type: none"> • 802.11b: 17.5 dBm +/- 1.5 dBm • 802.11g: 17.5 dBm +/- 1.5 dBm • 802.11a: 13.5 dBm +/- 1.5 dBm • 802.11n: 13.5 dBm +/- 1.5 dBm
Receiver sensitivity	<ul style="list-style-type: none"> • 802.11b: -90 dBm @11 Mbps • 802.11g: -74 dBm @54 Mbps • 802.11a: -71 dBm @54 Mbps • 802.11n: -66 dBm @270 Mbps (2.4 GHz) • 802.11n: -63 dBm @270 Mbps (5 GHz)
Multiple SSIDs	Supports multiple SSIDs, up to 4 separate virtual networks with separate wireless profiles
Wireless VLAN map	Supports SSID to VLAN mapping with wireless client isolation
WMM	Wireless multimedia with QoS (802.1e)
U-APSD	Wi-Fi Multimedia (WMM) power save
Wireless Distribution System (WDS)	Allows wireless signals to be repeated by up to 4 compatible repeaters

System Specifications

Description	Specification
Power	12V 1A
Certification	FCC class B, 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% noncondensing
Storage humidity	5% to 90% noncondensing