Cisco WRV200 Wireless-G VPN Router: RangeBooster Cisco Small Business Routers

Secure Wireless Network Access for Small Offices

Highlights

- IPsec and SSL VPN connectivity on a single device
- Built-in 4-port 10/100 Fast Ethernet switch
- Multiple SSIDs and VLANs provide separate secure networks
- Simple, browser-based configuration

Figure 1. Cisco WRV200 Wireless-G VPN Router: RangeBooster



Product Overview

Cisco[®] Small Business Solutions enable small companies to connect employees, customers, and suppliers - easily, reliably, and affordably. Drawing on a broad portfolio of Cisco products, local partners build and maintain individualized solutions that help small businesses around the world work better.

The Cisco WRV200 Wireless-G VPN Router (Figure 1) enables secure, reliable wireless network access for your small business. Its intuitive web-based interface allows you to easily set up its features. Simple Network Management Protocol (SNMP) gives you the ability to remotely manage and monitor the device.

Ten IP Security (IPsec) QuickVPN tunnels with a throughput of 30 Mbps give your mobile workers a secure and easy-to-use way to stay connected. As an essential element of your business, this product provides security functions for authentication, encryption, and firewall.

The VPN router gives your business multiple service set identifiers (SSIDs) and VLANs for traffic separation, and enhanced quality of service (QoS) features for improved voice and video quality. With support for wireless QoS (Wi-Fi Multimedia [WMM]) and wired QoS (port prioritization), consistent voice and video quality is maintained throughout your business.

The RangeBooster technology provides increased range and reliability, using multiple-input, multiple-output (MIMO). The RF output allows flexible control of the wireless access coverage.

Features

- 802.11g supports data rates up to 54 Mbps
- Dual fixed antennas with MIMO provide two to three times better coverage than standard 802.11g wireless devices
- · Supports multiple SSID mapping to specific VLAN to create separate, secured networks
- 10 IPsec VPN tunnels with QuickVPN support

Specifications

Table 1 contains the specifications, minimum requirements, and package contents for the Cisco WRV200 Wireless-G VPN Router.

Specifications	
Standards	IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u, 802.1x (security authentication), 802.11i ready (security WPA2), 802.11e ready (wireless QoS)
Ports	Ethernet, Antenna, Power
Buttons	Reset
Cabling type	Unshielded twisted pair (UTP) Category 5
LEDs	Power, DMZ, Wireless, Internet, LAN 1-4
Operating system	Linux
Performance	
Network Address Translation (NAT) throughput	Wire speed: 100 Mb/s
IPsec throughput	30 Mb/s Triple Data Encryption Standard (3DES) throughput
Setup/Configuration	
Web user interface	Built-in web user interface for easy browser-based configuration (HTTP/HTTPS)
Management	
SNMP version	SNMP version 1, 2c
Event logging	Local, syslog, email
Web firmware upgrade	Firmware upgradable through web browser
Diagnostics	Flash, RAM, LAN, WLAN
Wireless	
Spec./modulation	Radio and modulation type: 802.11b/DSSS, 802.11g/OFDM
Data rates	Data rates supported: 802.11b: 1, 2, 5.5, 11 Mbps; 802.11g: 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps
Channels	Operating channels: 11 North America, 13 most of Europe (ETSI and Japan)
External antennas	2 (omnidirectional)
Antenna connector type	Fixed
Transmit power	Transmit power (adjustable) at normal temperature range: 802.11.g: typical -18 dBm, 802.11.b: typical -20 dBm

 Table 1.
 Specifications for the Cisco WRV200 Wireless-G VPN Router: RangeBooster

Receiver sensitivity 802.11.g; 54 Mbps at -69 dBm; 802.11.b: 11Mbps at -86 dBm Wireless QoS WMM, 802.11e ready Security Wireley Wirel Equivalent Privacy (WEP)WPA/WPA2 WEP 64 bit/128 bit, WPA Temporal Key Integrity Protocol (WPA.TKIP)/Advanced Encryption Standard (AES), WPA Pre-Shared Key (WPA.2-PSK), WPA.2-ENT 802.11 xr. RADIUS authentication (WEP)WPA.WPA2 Standard (AES), WPA Pre-Shared Key (WPA.2-PSK), WPA.2-ENT 802.11 xr. RADIUS authentication Protocol (PEAP), dynamically varying encryption keys Access control Access control Access control list (ACI) capability: MAC and IP-based Firewall Stateful packet inspection (SPI) firewall Dos DoS DoS prevention Stateful packet inspection (SPI) firewall Multiple SSID Supports up to 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Wireless UAN map Supports up to 4 SSIDs Multiple SSID Wireless Chamia services Allow wireless signals to be repeated by a repeater WDY 10 Proc turnels, DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT -T), Quick/VPN support Routing 7.32 x 6.89 x 1.89 in. (Y17 x 42 x 133.5 mm) Weight Device dimensions <th< th=""><th>Adjustable power</th><th>Yes</th></th<>	Adjustable power	Yes
Wireless QoS WMM, 802.11e ready. Security WEP 64 bit/128 bit, WPA Temporal Key Integrity Protocol (WPA-TKIP)/Advanced Encryption Standard (AES), WPA Pre-Shared Key (WPA2-ENT) 802.1X RADIUS authentication 802.1x: RADIUS (Message Digest Algorithm 5 [MD5], Secure Hash Algorithm 1 [SHA1], Transport Layer Security (TLS), Funcied TLS [TTLS], Protected Extensible Authenticatio Protocol [PEAP], dynamically varying encryption Keys Access control Access control Ist (ACL) capability: MAC and IP-based Firewall Stateful packet inspection (SPI) firewall DoS DoS provention Network VLAN support 4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Multiple SSID Supports SID to VLAN mapping with wireless client isolation Wireless domain services Allow wireless signals to be repeated by a repeater OMZ Software configurable on any LAN port VPN 10 IPsec turnels, 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), Quick/MS support Routing State and Routing Information Protocol (RIP) v1, v2 Environmental Deveed (intensions OV(x + 1 x D) (17 v2 x 4 x 130) in. ((17 v 4 x 132 x 100) Wireless 1, D v 80.2, 11 (Wireless 3, MD, 10	Antenna gain	2 dBi
Number of the security International operations of the security Wired Equivalent Privacy (WEP/WPA/WPA2 WEP 64 bit/128 bit, WPA Temporal Key Integrity Protocol (WPA-TKIP)/Advanced Encryption Standard (AES), WPA Pre-Sharad Key (WPA2-PSK), WPA2 ENC (WPA2-PSK), WPA2 ENC (WPA-PSK), WPA2 E	Receiver sensitivity	802.11.g: 54 Mbps at -69 dBm; 802.11.b: 11Mbps at - 86 dBm
Wired Equivalent Privacy (WEP/WPA/WPA2 WEP 64 bit/128 bit, WPA Temporal Key Integrity Protocol (WPA-TKIP)/Advanced Encryption Standard (AES), WPA Pre-Shared Key (WPA2-FSN, WPA2-ENT 802.1X RADIUS authentication 802.1x: RADIUS (Massage Digest Algorithm 5 [MDS], Secure Hash Algorithm 1 [SHA1], Transport Layer Security [TLS], Tunnelide TLS] Protocol [PEAP), dynamically varying encryption keys Access control Access control list (ACL) capability: MAC and IP-based Firewall Stateful packet inspection (SPI) firewall DoS DoS prevention Network VLAN support 4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Multiple SSID Supports SSID to VLAN mapping with wireless client isolation Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless ULAN map Supports SSID to VLAN port PN 10 Pisec turnels, 3DES/AES encryption, MDS, SHA1 authentication, IPsec NAT Routing Static and Routing Information Protocol (RIP) v1, v2<	Wireless QoS	WMM, 802.11e ready
(WEP)WPAAWPA2 Encryption Standard (AES), WPA Pre-Shared Key (WPA2-PSK), WPA2-ENT 802.1X RADIUS authentication 802.1x: RADIUS (Message Digest Algorithm 5 (MD5), Secure Hash Algorithm 1 (SHA1), Transport Layer Security (TLS), Trotected Extensible Authenticatio Protocol (PEAP), dynamically varying encryption keys Access control Access control list (ACL) capability: MAC and IP-based Friewall Stateful packet inspection (SPI) firewall DoS DoS prevention Network VLAN support 4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Multiple SSID Supports up to 4 SSIDs Wireless domain services Allow wireless signals to be repeated by a repeater (WDS) Allow wireless signals to be repeated by a repeater WIRelss Class and Routing Information Protocol (RIP) v1, v2 Environmental Device dimensions 7.32 x 8.89 x 1.89) in (170 x 42 x 193.5 mm) (WY H X D) 7.12 x 8.89 x 1.89) in (170 x 42 x 193.5 mm) Weight 1.2.52 oz (355 kg) Power 1.2.4 x 10.0 input Corrula temperature 3/2 to 104/F (0º to 40°C) Storage temperature 4/2 to 104% (0º to 40°C) Storag	Security	
Transport Layer Socurity [TLS], Turnieled TLS [TLS], Protected Extensible Authentication Protocol [PEAP]), dynamically varying encryption keys Access control Access control list (ACL) capability. MAC and IP-based Firewall Stateful packet inspection (SPI) firewall DoS DoS prevention Network VLAN support 4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Multiple SSID Supports up to 4 SSIDs Wireless domain services Allow wireless signals to be repeated by a repeater (WDS) Software configurable on any LAN port VPN 10 IPsec turnels, 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), CluckVPN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental (Y2 × 4 × 139.5 mm) Weight 12.52 or (.355 kg) Power 12.V1 A DC input Certifications FCC, IC-03, CE Operating temperature 32% to 104% (P2 to 40%C) Storage temperature 4% to 158% f- (20° to 40%C) Storage temperature 4% to 158% f- (20° to 40%C) Storage temperature 5% to 90% noncondensing Storage temperature	Wired Equivalent Privacy (WEP)/WPA/WPA2	
Firewall Stateful packet inspection (SPI) firewall DoS DoS prevention Network VLAN support 4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Multiple SSID Supports up to 4 SSIDs Wireless domain services Allow wireless signals to be repeated by a repeater OMZ Software configurable on any LAN port VPN 10 IP-sec tunnels, 3DES/AES encryption, MD5, SHA1 authentication, IP-sec NAT transparency (NAT-T), Quick/VPN support Routing State and Routing Information Protocol (RIP) v1, v2 Environmental Information Protocol (RIP) v1, v2 Device dimensions 7.32 x 6.89 x 1.89) in. (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1 A DC input Certifications FC, IC-03, CE Operating temperature 32° to 104°F (.0º to 40°C) Storage temperature 40 to 158°F (.20° to 70°C) Operating humidity 5% to 90% noncondensing Storage temperature 40 to 158°F (.20° to 70°C) Operating humidity 5% to 90% noncondensing Storage temperature 40 to 158°F (.20° to 70°C) Opereting humidity	802.1X RADIUS authentication	Transport Layer Security [TLS], Tunneled TLS [TTLS], Protected Extensible Authentication
DoS DoS prevention Network VLAN support 4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Multiple SSID Multiple SSID Supports up to 4 SSIDs Wireless vLAN map Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless domain services Allow wireless signals to be repeated by a repeater DMZ Software configurable on any LAN port VPN 10 IPsec tunnels, 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), Quick/VPN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental Device dimensions Device dimensions 7.32 x 6.89 x 1.89) in, (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1A DC input Certifications FCC, IC-03, CE Operating temperature 32° to 104°F (0° to 40°C) Storage temperature 4° to 158°F (-20° to 70°C) Operating humidity 10% to 85% noncondensing Storage temperature 4° to 104°F (PIP Installed per PC Network adapter with TCP/IP Installed per PC Ne	Access control	Access control list (ACL) capability: MAC and IP-based
Network VLAN support 4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Multiple SSID Supports up to 4 SSIDs Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless domain services Allow wireless signals to be repeated by a repeater (WDS) Allow wireless signals to be repeated by a repeater WWR Software configurable on any LAN port VPN 10 IPsac tunnels. 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), Quick/VPN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental (170 x 42 x 193.5 mm) Device dimensions 7.32 x 6.89 x 1.89) in. (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12 V1 A D C input Certifications FCC, IC-03, CE Operating temperature 32º to 104ºF (0° to 40°C) Storage temperature 4º to 158ºF (-20º to 70°C) Operating humidity 10% to 85% noncondensing Minimum Requirements • • 802.11b or 802.11g wireless dapter with TCP/IP installed per PC	Firewall	Stateful packet inspection (SPI) firewall
VLAN support 4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs SSID broadcast SSID broadcast enable/disable Multiple SSID Supports up to 4 SSIDs Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless domain services (WDS) Allow wireless signals to be repeated by a repeater (WDS) DMZ Software configurable on any LAN port VPN 10 IPsec tunnels; 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), Quick/VPN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental (170 x 42 x 193.5 mm) Device dimensions (W x H x D) 7.32 x 6.89 x 1.89) in. (170 x 42 x 193.5 mm) Weight 1.2.52 oz (.355 kg) Power 12V 1A DC input Certifications FCC, IC-03, CE Operating temperature 32º to 104ºF (0° to 40°C) Storage temperature 4º to 158ºF (-20º to 70°C) Operating humidity 10% to 85% noncondensing Storage temperature 4º to 158ºF (-20º to 70°C) Operating humidity 5% to 90% noncondensing Whirtwork adapter with TCP/IP installed per PC VeVeb-based configuration:	DoS	DoS prevention
SID SID SID broadcast SSID Supports up to 4 SSIDs Multiple SSID Supports SSID to VLAN mapping with wireless client isolation Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless domain services (WDS) Allow wireless signals to be repeated by a repeater DMZ Software configurable on any LAN port VPN 10 IPsec turnels, 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), Quick/PN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1A DC input Certifications FCC, IC-03, CE Operating temperature 32° to 104°F (0° to 40°C) Storage temperature 4° to 158°F (-20° to 70°C) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements • 802.11b or 802.11g wireless GVPN Router with 2 fixed antennas • Vebe/based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Clisco WRV200 Wireless-G VPN Router with 2 fixed an	Network	
Construction Description Witzlies SID Supports up to 4 SSIDs Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless domain services (WDS) Allow wireless signals to be repeated by a repeater DMZ Software configurable on any LAN port VPN 10 IPsec turnels, 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), Quick/PN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1A DC input Certifications FCC, IC-03, CE Operating temperature 32° to 104°F (0° to 40°C) Storage temperature 4° to 158°F (-20° to 70°C) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Ninimum Requirements Exporter with TCP/IP installed per PC Veb/sbased configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents Veb-sbased on CD-ROM Vebrow caable r CP-ROM Vebrow caable r Power adapter with 2 fixed antennas	VLAN support	4 LAN ports and 4 SSIDs can be mapped to up to 5 VLANs
Wireless VLAN map Supports SSID to VLAN mapping with wireless client isolation Wireless domain services (WDS) Allow wireless signals to be repeated by a repeater DMZ Software configurable on any LAN port VPN 10 IPsec tunnels, 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), Quick/VPN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental 7.32 x 6.89 x 1.89) in. (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1A DC input Certifications FCC, IC-03, CE Operating temperature 32º to 104°F (0º to 40°C) Storage temperature -4º to 158°F (-20° to 70°C) Operating tunnidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements e 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Clicco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable <t< td=""><td>SSID broadcast</td><td>SSID broadcast enable/disable</td></t<>	SSID broadcast	SSID broadcast enable/disable
Wireless domain services (WDS) Allow wireless signals to be repeated by a repeater (WDS) DMZ Software configurable on any LAN port 10 IPsec tunnels, 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), Quick/VPN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental Device dimensions (WX H X D) 7.32 x 6.89 x 1.89) in. (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1A DC input Certifications FCC, IC-03, CE Operating temperature 32º to 104°F (0º to 40°C) Storage temperature -4º to 158°F (-20° to 70°C) Operating tumidity 10% to 85% noncondensing Storage tumidity 5% to 90% noncondensing Minimum Requirements e 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card	Multiple SSID	Supports up to 4 SSIDs
(WDS) Anticide and a construction of the set of the s	Wireless VLAN map	Supports SSID to VLAN mapping with wireless client isolation
VPN 10 IPsec tunnels, 3DES/AES encryption, MD5, SHA1 authentication, IPsec NAT transparency (NAT-T), QuickVPN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental	Wireless domain services (WDS)	Allow wireless signals to be repeated by a repeater
transparency (NAT-T), QuickVPN support Routing Static and Routing Information Protocol (RIP) v1, v2 Environmental Device dimensions (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1A DC input Certifications FCC, IC-03, CE Operating temperature 32º to 104°F (0° to 40°C) Storage temperature -4º to 158°F (-20° to 70°C) Operating temperature -4º to 158°F (-20° to 70°C) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements 802.11b or 802.11g wireless adapter with TCP/IP installed per PC Network adapter with Ethernet network cable and TCP/IP installed per PC Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas User guide and set-up wizard on CD-ROM Network cable Power adapter Registration card Quick install guide 	DMZ	Software configurable on any LAN port
Environmental Device dimensions (W × H × D) 7.32 × 6.89 × 1.89) in. (170 × 42 × 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1 A DC input Certifications FCC, IC-03, CE Operating temperature 32° to 104°F (0° to 40°C) Storage temperature -4° to 158°F (-20° to 70°C) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements • • 802.11b or 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card • Quick install guide	VPN	
Device dimensions (W x H x D) 7.32 x 6.89 x 1.89) in. (170 x 42 x 193.5 mm) Weight 12.52 oz (.355 kg) Power 12V 1 A DC input Certifications FCC, IC-03, CE Operating temperature 32º to 104ºF (0º to 40ºC) Storage temperature -4º to 158ºF (-20º to 70ºC) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements 400 to 200 to 70°C) • 802.11b or 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card • Quick install guide	Routing	Static and Routing Information Protocol (RIP) v1, v2
(W x H x D)(170 x 42 x 193.5 mm)Weight12.52 oz (.355 kg)Power12V 1A DC inputCertificationsFCC, IC-03, CEOperating temperature32° to 104°F (0° to 40°C)Storage temperature-4° to 158°F (-20° to 70°C)Operating humidity10% to 85% noncondensingStorage humidity5% to 90% noncondensingMinimum Requirements• 802.11b or 802.11g wireless adapter with TCP/IP installed per PC• Network adapter with Ethernet network cable and TCP/IP installed per PC• Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox)Package Contents• Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas• User guide and set-up wizard on CD-ROM• Network cable• Power adapter• Registration card• Quick install guide	Environmental	
Power 12V 1A DC input Certifications FCC, IC-03, CE Operating temperature 32° to 104°F (0° to 40°C) Storage temperature -4° to 158°F (-20° to 70°C) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements 5% to 90% noncondensing • 802.11b or 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card • Quick install guide	Device dimensions (W x H x D)	
Certifications FCC, IC-03, CE Operating temperature 32° to 104°F (0° to 40°C) Storage temperature -4° to 158°F (-20° to 70°C) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements 5% to 90% noncondensing • 802.11b or 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card • Quick install guide	Weight	12.52 oz (.355 kg)
Operating temperature 32° to 104°F (0° to 40°C) Storage temperature -4° to 158°F (-20° to 70°C) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements 5% to 90% noncondensing • 802.11b or 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card • Quick install guide	Power	12V 1A DC input
Storage temperature -4º to 158ºF (-20º to 70ºC) Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements 5% to 90% noncondensing • 802.11b or 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card • Quick install guide	Certifications	FCC, IC-03, CE
Operating humidity 10% to 85% noncondensing Storage humidity 5% to 90% noncondensing Minimum Requirements	Operating temperature	32° to 104°F (0° to 40°C)
Storage humidity 5% to 90% noncondensing Minimum Requirements 5% to 90% noncondensing • 802.11b or 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card • Quick install guide	Storage temperature	-4º to 158ºF (-20º to 70ºC)
Minimum Requirements • 802.11b or 802.11g wireless adapter with TCP/IP installed per PC • Network adapter with Ethernet network cable and TCP/IP installed per PC • Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents • Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas • User guide and set-up wizard on CD-ROM • Network cable • Power adapter • Registration card • Quick install guide	Operating humidity	10% to 85% noncondensing
 802.11b or 802.11g wireless adapter with TCP/IP installed per PC Network adapter with Ethernet network cable and TCP/IP installed per PC Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas User guide and set-up wizard on CD-ROM Network cable Power adapter Registration card Quick install guide 	Storage humidity	5% to 90% noncondensing
 Network adapter with Ethernet network cable and TCP/IP installed per PC Web-based configuration: Java-enabled web browser (Internet Explorer or Mozilla Firefox) Package Contents Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas User guide and set-up wizard on CD-ROM Network cable Power adapter Registration card Quick install guide 	Minimum Requirements	
 Cisco WRV200 Wireless-G VPN Router with 2 fixed antennas User guide and set-up wizard on CD-ROM Network cable Power adapter Registration card Quick install guide 	Network adapter with Ethernet	network cable and TCP/IP installed per PC
 User guide and set-up wizard on CD-ROM Network cable Power adapter Registration card Quick install guide 	Package Contents	
	 User guide and set-up wizard Network cable Power adapter Registration card 	
	Product Warranty	

Cisco Limited Warranty for Cisco Small Business Series Products

This Cisco Small Business product comes with a 3-year limited hardware warranty with return to factory replacement and a 90-day limited software warranty. In addition, Cisco offers software application updates for bug fixes and telephone technical support at no charge for the first 12 months following the date of purchase. To download software updates, go to: http://www.cisco.com/go/smallbiz.

Product warranty terms and other information applicable to Cisco products are available at <u>http://www.cisco.com/go/warranty</u>.

For More Information

For more information on Cisco Small Business products and solutions, visit: http://www.cisco.com/smallbusiness.



Americas Headquarters Cisco Systems, Inc. San Jose, CA Asia Pacific Headquarters Cisco Systems (USA) Pte. Ltd. Singapore Europe Headquarters Cisco Systems International BV Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

CCDE, CCENT, Cisco Eos, Cisco Lumin, Cisco Nexus, Cisco Stadium/Vision, Cisco TelePresence, Cisco WebEx, the Cisco logo, DCE, and Welcome to the Human Network are trademarks; Changing the Way We Work, Live, Play, and Learn and Cisco Store are service marks; and Access Registrar, Aironet, AsyncOS, Bringing the Meeting To You, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, CCVP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, EtherFast, EtherSwitch, Event Center, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, iQuick Study, IronPort, the IronPort logo, LightStream, Linksys, MediaTone, MeetingPlace, MeetingPlace Chime Sound, MGX, Networkers, Networking Academy, Network Registrar, PCNow, PlX, PowerPanels, ProConnect, ScriptShare, SenderBase, SMARThet, Spectrum Expert, StackWise, The Fastest Way to Increase Your Internet Quotient, TransPath, WebEx, and the WebEx logo are registered trademarks of Cisco Systems. Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0809R)

Printed in USA

C78-501231-00 11/08