



Quick Start Guide



Cisco RV134W VDSL2 Wireless-AC VPN Router

Package Contents

- Cisco RV134W VDSL2 Wireless-AC VPN Router
- Power Adapter
- Ethernet Cable
- This Quick Start Guide
- Pointer Card
- Technical Support Contact Card
- Console Cable
- RJ-11 Cable

Welcome

Thank you for choosing the Cisco RV134W VDSL2 Wireless-AC VPN Router.

The Cisco RV134W provides business class DSL connectivity for SOHO, small businesses and remote professionals.

This guide describes how to physically install your Cisco RV134W router and launch the web-based Device Manager.

1 Installing Cisco RV134W

To prevent the device from overheating or being damaged:

- **Ambient Temperature**—Do not operate it in an area that exceeds an ambient temperature of 104°F (40°C).
- **Air Flow**—Be sure that there is adequate air flow around the device. If wall mounting the wireless access point, make sure the heat dissipation holes are to the side.
- **Mechanical Loading**—Be sure that the device is level and stable to avoid any hazardous conditions and that it is secure to prevent it from sliding or shifting out of position. Do not place anything on top of the wireless access point, as excessive weight might damage it.

Place the Cisco RV134W unit vertically into the stand with the four rubber feet.

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Cisco RV134W Features

Front Panel

<p>Power</p> 	<p>Off when the device is powered off.</p> <p>Solid green when the device is powered on and booted.</p> <p>Flashing green when the device is booting or loading the firmware.</p> <p>Solid red when the device fails to reboot or system error, or is in firmware recovery mode.</p>
<p>Internet</p> 	<p>Off when the VDSL2+/WAN LED is OFF.</p> <p>Solid green when the device has a DSL WAN IP or Ethernet WAN IP connection.</p> <p>Flashing green when the device is sending or receiving data through DSL WAN.</p> <p>Solid red when the device got no DSL WAN IP or Ethernet WAN IP.</p>
<p>VDSL/Ethernet WAN</p> 	<p>Off when the device is powered off or the device is configured to use the VDSL/Ethernet WAN yet no VDSL/Ethernet link.</p> <p>Solid green when the DSL link has been activated.</p> <p>Flashing green when the device is negotiating with the DSLAM.</p> <p>Solid blue when the Ethernet link is on.</p> <p>Flashing blue when the device is transmitting/receiving data through Ethernet WAN.</p>
<p>LAN (1-4)</p> 	<p>The numbered lights correspond to the LAN ports on the back panel.</p> <p>Solid green when the corresponding port is connected to a device.</p> <p>Flashing green when the port is sending or receiving data.</p>
<p>WLAN 2.4G</p> 	<p>Off when the 2.4GHz wireless module is disabled.</p> <p>Flashing green when the wireless radio is transmitting or receiving data.</p> <p>Solid green when the 2.4GHz wireless module is enabled.</p>

<p>WLAN 5G</p> 	<p>Off when the 5GHz wireless module is disabled.</p> <p>Flashing green when the wireless radio is transmitting or receiving data.</p> <p>Solid green when the 5GHz wireless module is enabled.</p>
<p>VPN</p> <p>VPN</p>	<p>Off when there is no VPN tunnel defined, or all defined VPN tunnels have been disabled.</p> <p>Solid green when there is at least one VPN tunnel working.</p> <p>Solid amber when none of the enabled VPN tunnels are working.</p>
<p>USB</p>	<p>Off when no 3G/4G USB dongle is connected or the USB dongle is not recognized.</p> <p>Solid green when the 3G/4G USB dongle is recognized and currently connecting to the ISP network.</p> <p>Flashing green when the 3G/4G USB dongle is successfully connected to the Internet Service Provider (ISP) and the port is receiving and sending data.</p> <p>Solid amber when the USB dongle is recognized but fails to connect to the ISP.</p>

Back Panel

VDSL—Insert a RJ-11 cable to connect the router to the ISP VDSLAM.

WAN/Ethernet WAN—Connecting the device to a wide area network device, such as a cable or DSL modem.

LAN (1-4)—RJ-45 device connections to link local area network devices, such as PCs, print servers, or switches, to the device.

USB—Type A USB port that supports 3G/4G/LTE USB dongles.

Wireless—Switch the slide button to enable or disable Wi-Fi.

RESET—The RESET button has two functions:

- To reboot the unit and retain the current configuration, press and hold RESET for at least 3, but no more than 10 seconds, by using a paper clip or a pen tip.

- To reboot the unit and restore the factory default configuration, press and hold in the RESET button for more than 10 seconds. Changes you have made to the Cisco RV134W configuration are lost.

CONSOLE— Insert the RJ-45 roll-over cable to connect the device to a console, such as PCs.

POWER— The **POWER** button is used to turn the power on and off.

12VDC—Power port that connects the device to the provided 12VDC power adapter.

Side Panel

The side panel of the Cisco RV134W has a Kensington lock slot. You can use it to attach a cable and lock to the Cisco RV134W.

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Connecting the Cisco RV134W

NOTE You must connect one PC with an Ethernet cable for the purpose of the initial configuration. After you complete the initial configuration, administrative tasks can be performed using a wireless connection.

To connect a PC to the Cisco RV134W for initial configuration:

STEP 1 Power off all equipment, including the cable or DSL modem, the PC, and the Cisco RV134W .

STEP 2 For Ethernet WAN connections, connect one end of the Ethernet cable to your Internet access device (typically a modem), and connect the other end of the cable to the WAN port.

For VDSL connections, connect your DSL cable directly to the VDSL port on the device. If required by your Service Provider, make sure that you use a DSL splitter.

For 3G/4G WAN connection, connect the 3G/4G USB dongle into the USB port. Then, the firewall router will detect the 3G/4G dongle and subscribe to the ISP network.

Note: This application must use the specific 3G/4G dongle which is supported by the router. The 3G/4G SIM card must be configured with the user defined PIN code.

STEP 3 Connect another Ethernet cable from one of the LAN (Ethernet) ports to the Ethernet port on the PC.

STEP 4 Power on the cable or DSL modem and wait until the connection is active.

STEP 5 Connect the power adapter to the device's POWER port.



CAUTION

Use only the power adapter that is supplied with the unit. Using a different power adapter could damage the device.

The **POWER** button is on by default. The power light on the front panel is solid green when the power adapter is connected properly and the device is finished booting.

STEP 6 Plug the other end of the adapter into an electrical outlet. Use the plug (supplied) specific to your country.

STEP 7 Continue with the instructions in the [Using the Setup Wizard](#) to configure the device.

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Using the Setup Wizard

NOTE The Setup Wizard and Device Manager are supported on Microsoft Internet Explorer 6.0 or later, Mozilla Firefox 3.0 or later, and Apple Safari 3.0 or later.

To configure the device by using the Setup Wizard:

STEP 1 Power on the PC that you connected to the LAN port in Step 2 of the **Connecting the Cisco RV134W** section. Your PC becomes a DHCP client of the firewall and receives an IP address in the 192.168.1.xxx range.

STEP 2 Start a web browser on your PC. In the Address bar, enter the default IP address of the firewall: **192.168.1.1**. A message appears about the site's security certificate. The Cisco RV134W uses a self-signed security certificate and this message appears because the firewall is not known to your PC. You can safely click **Continue to this website** (or the option shown on your particular web browser) to go to the web site.

STEP 3 When the login page appears, enter the user name and password. The default user name is **cisco**. The default password is **cisco**. Passwords are case sensitive.

NOTE For security reasons, change the default user name and password as soon as possible. See the **Changing the Administrator User Name and Password** section.

STEP 4 Click **Log In**.

Changing the Administrator User Name and Password

STEP 1 From the Getting Started page, choose **Change Default Administrator Password**.

STEP 2 Select **Edit Admin Settings**.

STEP 3 In the **Administrator Settings** section, enter the new administrator username. We recommend that you do not use "cisco."

STEP 4 Enter the old password.

STEP 5 Enter the new password. Passwords should not contain dictionary words from any language or the default password, and they should contain a mix of letters (both upper- and lowercase), numbers, and symbols. Passwords must be at least 8 but no more than 30 characters.

STEP 6 Enter the new password again to confirm.

STEP 7 Click **Save**.

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Where to Go From Here

Support	
Cisco Support Community	www.cisco.com/go/smallbizsupport
Cisco Support and Resources	www.cisco.com/go/smallbizhelp
Phone Support Contacts	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html
Cisco Firmware Downloads	www.cisco.com/go/smallbizfirmware Select a link to download firmware for Cisco products. No login is required.
Cisco Open Source Requests	www.cisco.com/go/smallbiz_opensource_request
Cisco Partner Central (Partner Login Required)	www.cisco.com/web/partners/sell/smb
Product Documentation	
3G/4G Dongle Support List	http://www.cisco.com/c/en/us/support/routers/small-business-rv-series-routers/products-technical-reference-list.html
Cisco RV134W Administration Guide	www.cisco.com/go/rv134w

For EU Lot 26 related results, see www.cisco.com/go/eu-lot26-results.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Customer Information

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the **left side of device** is a label that contains, among other information, a product identifier in the format **US:6NIDL01BRV134W**. If requested, this number must be provided to the telephone company.

Applicable connector jack Universal Service Order Codes ("USOC") for the Equipment is RJ11C

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug

is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by 01 are the REN without a decimal point (e.g., 03 is a REN of 0.3).

If this Wireless-N VPN Router causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service. If trouble is experienced with this Wireless-AC VPN Router, for repair or warranty information, please contact **Cisco Systems, Inc. of Service Center –No. 170 West Tasman Drive** San Jose, CA 95134-1706. USA,PHONE: (408) 526-8890 . If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

WHEN PROGRAMMING EMERGENCY NUMBERS AND(OR) MAKING TEST CALLS TO EMERGENCY NUMBERS:

- 1) Remain on the line and briefly explain to the dispatcher the reason for the call.
- 2) Perform such activities in the off-peak hours, such as early morning or late evenings.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 26 cm between the radiator & your body.

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Industry Canada Statement

This device complies with **RSS-247** of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme **CNR-247** d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Restrictions on Connecting Equipment

NOTICE: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment."

NOTICE: The Ringer Equivalence Number (REN) for this terminal equipment is **01**. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five."

Restrictions concernant le raccordement de matériel

Avis: Le présent matériel est conforme aux spécifications techniques d'Industrie Canada applicables au matériel terminal. Cette conformité est confirmée par le numéro d'enregistrement. Le sigle IC, placé devant le numéro d'enregistrement, signifie que l'enregistrement s'est effectué conformément à une déclaration de conformité et indique que les spécifications techniques d'Industrie Canada ont été respectées. Il n'implique pas qu'Industrie Canada a approuvé le matériel.

Avis: L'indice d'équivalence de la sonnerie (IES) du présent matériel est de **01**. L'IES assigné à chaque dispositif terminal indique le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule

condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 26cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 26 cm de distance entre la source de rayonnement et votre corps.

Americas Headquarters

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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.

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