Welcome

Thank you for choosing the Cisco Small Business RV220W. This guide describes how to physically install your Cisco RV220W and launch the web-based configuration. It includes installation, configuration, and troubleshooting tips.

The Cisco RV220W Network Security Firewall delivers high performance, highly available wireless and wired connectivity—by the same team of engineers, architects, and employees working remotely—to span local and global enterprises, supporting both IP Security (IPsec) and Secure Sockets Layer (SSL) VPNs.

1 Mounting the RV220W

You can place your Cisco RV220W on a desktop or mount it on a wall.

**Placement Tips**
- Ambient Temperature
  
  To prevent the firewall from overheating, do not operate it in an area that exceeds an ambient temperature of 95°F (35°C).
- Air Flow
  
  Be sure that there is adequate air flow around the firewall.
- Mechanical Loading
  
  Avoid placing the unit on a soft, unstable surface so that it sits on its four rubber feet.
- Power Adapter
  
  For desktop placement, place the Cisco RV220W unit horizontally on a flat surface so that it sits on its four rubber feet.

**Wall Mounting**

The Cisco RV220W can be wall-mounted. You will need the following (not provided):

- 2 screws
- 2 drywall anchors (if installing onto drywall)
- 2 screws
- 2 drywall anchors (if installing onto drywall)

**Power Adapter**

For desktop placement, place the Cisco RV220W unit horizontally on a flat surface so that it sits on its four rubber feet.

**Physical Mounting**

- Determine where you want to mount the firewall. Verify that the surface is smooth, flat, dry, and sturdy.
- For horizontal mounting, drill two pilot holes into the surface 4-1/4 inches (108 mm) apart, and with a minimum of 3 inches (76.2 mm) of clearance. For vertical mounting, drill two pilot holes into the surface 4-1/4 inches (108 mm) apart, and with a minimum of 3 inches (76.2 mm) of clearance.

**Power Adapter**

1.03 to 1.32 in /
31.8 to 33.6 mm
0.68 to 0.80 in /
17.2 to 20.3 mm
0.65 to 0.67 in /
16.5 to 17.0 mm
0.26 to 0.28 in /
6.6 to 7.1 mm
1.24 to 1.32 in /
31.5 to 33.5 mm
1.37 to 1.50 in /
34.9 to 38.1 mm

**STEP 3**

Mounting the RV220W

1 Determine where you want to mount the firewall. Verify that the surface is smooth, flat, dry, and sturdy.
2 For horizontal mounting, drill two pilot holes into the surface 4-1/4 inches (108 mm) apart, and with a minimum of 3 inches (76.2 mm) of clearance. For vertical mounting, drill two pilot holes into the surface 4-1/4 inches (108 mm) apart, and with a minimum of 3 inches (76.2 mm) of clearance.
3 With the back panel pointing up (if installing horizontally), line up the wall-mount slots on the bottom of the unit line up with the wall-mount slots.
4 Place the two supplied screws into the pilot holes and tighten them secured to the firewall. Repeat these steps to secure the second antenna.

**STEP 5**

1 Install a screw into each hole in the surface, leaving a gap between the surface and the base of the screw head of at least 0.1 inches (2.5 mm). Do not mount the screw heads flush with the surface the screws head flush with the back of the unit.
2 With the back panel pointing up (if installing horizontally), line up the wall-mount slots on the bottom of the unit line up with the wall-mount slots.
3 Align the two supplied screws into the pilot holes and tighten them.
Connecting the Equipment

1. You should already have an Ethernet cable connecting your PC to your current cable or DSL modem. Unplug one end of the cable from the PC and plug it into the port marked "LAN" on the unit.
2. Connect one end of a different Ethernet cable to one of the LAN (1-4) ports on the back panel of the unit; the other end goes to your device that needs Internet access.
3. Connect the power adapter to the Cisco RV220W POWER port. Power on the cable or DSL modem and wait until the connection is active.

Getting Started with the Configuration

1. The Device Manager is accessible on Microsoft Internet Explorer 4.0 or later. Mozilla Firefox 3.0 or later, and Apple Safari 3.0 or later. Click the menu names displayed underneath to perform an action or view a sub-menu. From the Getting Started page, click Configure WAN Settings. The Cisco RV220W tries to automatically detect and configure your settings; however, in some cases you might need to provide information about your Internet access service. RV220W tries to automatically detect and configure your settings; however, in some cases you might need to provide information about your Internet access service.
2. Login
   a. Power on the PC that you connected to the LAN2 port in Step 2 of the Connecting the Equipment section. Your PC becomes a DHCP client of the firewall and receives an IP address in the 192.168.1.xxx range.
   b. Connect one end of a different Ethernet cable to one of the LAN (1-4) ports on the back panel of the unit; the other end goes to your device that needs Internet access.
   c. From the Getting Started page, click Review Wireless Profile and Set Security. The Device Manager is supported on Microsoft Internet Explorer 6.0 or later, Mozilla Firefox 3.0 or later, and Apple Safari 3.0 or later.

Configuring Wireless Settings and Security

1. In the left panel, choose Administration and click Users. The Users Table appears. The default administrator user and password is listed and is noted by "Administrator," which appears in the Type column.
2. The Device Manager is accessible on Microsoft Internet Explorer 4.0 or later. Mozilla Firefox 3.0 or later, and Apple Safari 3.0 or later.

Log in

Power on the PC that you connected to the LAN2 port in Step 2 of the Connecting the Equipment section. Your PC becomes a DHCP client of the firewall and receives an IP address in the 192.168.1.xxx range. Click Users, and choose Users. The Users Table appears. The default administrator user and password is listed and is noted by "Administrator," which appears in the Type column. For security reasons, change the default user name and password as soon as possible. See the Changing the Administrator User Name and Password section.

Changing the Administrator User Name and Password

1. Login: On the login page, enter the user name and password. The default user name is cisco. The default password is cisco. Passwords are case sensitive.
2. Click Log In: The login page displays some of the most common configuration tasks. Click these tasks to view the configuration windows.
3. On the Cisco RV220W, push the power button on the front panel. The device is connected properly and the unit is turned on.
4. Press the power button on the front panel to turn the firewall off.
5. The RESET button has two functions:
   a. Connecting the Equipment
   b. Getting Started with the Configuration
   c. Configuring Wireless Settings and Security
   d. Where to Go From Here

Backing up the Configuration

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