

Verifying Wireless Activation

Note: The wireless antenna is contained inside the 7500 gateway. An external antenna is not necessary for full wireless coverage.

In order to verify that the wireless feature is activated, simply start your browser and enter the IP address of your gateway, which is:

http://192.168.1.1

Then, find the “Wireless” links to view or change the wireless operation of your gateway.

Stand your gateway on its side or lay it down, as shown below.



MODEL 7500 WIRELESS NETWORKING GUIDE

READ FIRST before activating wireless connections!

For initial wireless networking, you must enter the Model 7500's ESSID and WEP Key into each of your wireless networking devices.

Optional: Model 7500 is compatible with WiFi Protected Setup (WPS) functionality, but before using this feature, you must activate it by changing the Wireless Security settings. After activation, simply press the WPS button on the top of the 7500 to synchronize your wireless device(s). Be sure to see your device's User Guide for more details on WPS.

For wireless security, each Model 7500 has its own unique identity. To make use of its unique identity, first refer to the label which is located on the bottom panel of the gateway. Next, find both the Serial Number (S/N) and Wireless Encryption Privacy (WEP) KEY, and then record them in the blank lines provided on page 2. Keep this information for future reference.

If you require additional gateway technical information, refer to the full User Guide on the CD-ROM provided with your kit.

Model 7500 bottom label:

Note: Your 7500's label information will vary from this example.



My S/N (ESSID) _____

My WEP key _____

Note: The ESSID (Enhanced Service Set Identifier) and WEP (Wireless Encryption Protocol) key are security features that are unique to your gateway unit. To use the security features, enter the exact ESSID and WEP key values into the appropriate fields of your wireless adapter's setup utility.

Configuring Your Wireless Computer(s) and Other Devices

Many newer notebook computers have wireless connection capabilities built in. If your notebook PC has wireless built in, simply enter the ESSID and WEP key values into the appropriate fields as directed by your laptop user guide. If your device does not have built-in wireless capability, you may be able to purchase an appropriate 802.11g wireless adapter (USB for desktops, PC Card for notebooks) from your service provider or other source.

Note: For most devices, you will use the following wireless network adapter setup.

1. Refer to the documentation included with your wireless adapter for specific instructions on setting up wireless security. For normal applications, wireless adapters should be configured to operate with a gateway or "access point" rather than an "ad-hoc."
2. The ESSID (also referred to as the SSID, ESSID or Wireless LAN ID) may appear automatically if you are in range. If not, enter the ESSID of the gateway to which you are connecting. The ESSID of your gateway is the same as the serial number (S/N) located on the bottom label.
3. Choose WEP wireless security in the adapter setup process. If your adapter setup gives you a choice of 64 bit or 128 bit operation, choose 64 bit. If prompted to select HEX or ASCII, select HEX. Then, select the "Open" option rather than the "Shared" option.
4. Enter the WEP KEY in the space provided. The default WEP key of your gateway is the 10-digit hexadecimal number located on the bottom label just below the serial number.