

EDGE WIRELESS SYSTEM (EWS-150g)

Quick Start Guide

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Package Contents

1. EWS-150g unit
2. Antennas (2)
3. Ethernet cable (6 feet)
4. Power supply and cable (6 feet)

This wireless network device 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 wireless network device generates, uses, and radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. For technical support, consult your Service Provider.



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Connect the Antennas

Attach both antennas to the unit. Do not apply excessive force when screwing on the antennas—just finger tight.



3

Position the Antennas

Adjust both antennas to the upright position until they snap into place.



If you encounter problems when installing this product, contact your service provider.

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Choose a Suitable Location

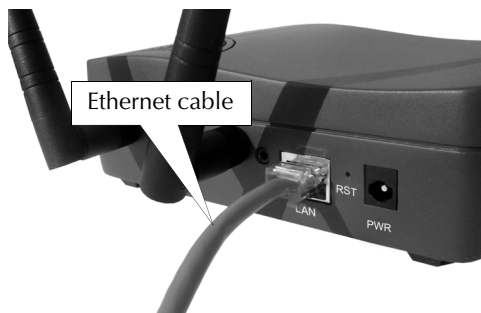
For best reception, the EWS-150g should be located as close as possible to a window or an outside wall.

A convenient power outlet is required within 6 feet of the unit, and the LAN source (your computer) must be reachable with the supplied Ethernet cable (unless you purchase a longer cable).

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Connect the Ethernet Cable

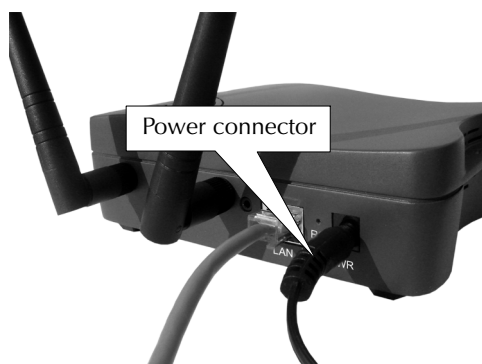
If the unit will be connected to an Ethernet LAN, then connect one end of the Ethernet cable to the Ethernet socket on the rear of the unit, then connect the other end to the LAN port on your computer or router.



6

Connect the Power Supply

Plug the power supply connector into the power receptacle on the rear of the unit, then connect the power supply to the power outlet.

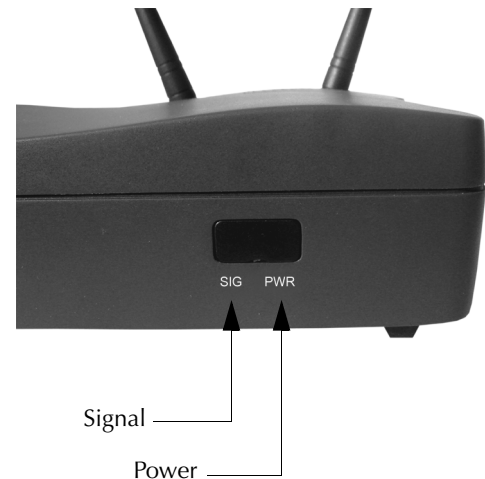


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Power On the Unit

On the front panel of the unit, there are two LED indicators:

- **SIG**
For 802.11g wireless communication.
- **PWR**
Indicating that power is on.



After applying power to the unit, the Power LED will flash for approximately 20 seconds. Following that, the Power LED should remain lit without flashing, and the Signal LED should flash intermittently.

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Plug & Play

The installation of your EWS-150g Edge Wireless System is complete. You may verify correct operation using a computer connected to the Ethernet LAN by opening your browser and connecting to a Web site.

The EWS-150g comes with some basic functions that allow you to monitor the unit's performance and make physical adjustments to the antennas to maximize the available wireless signal. If your service provider allows guest access to the unit's Web interface, log in then go to Step 9 to utilize these functions.

If you encounter problems when installing this product, contact your service provider.

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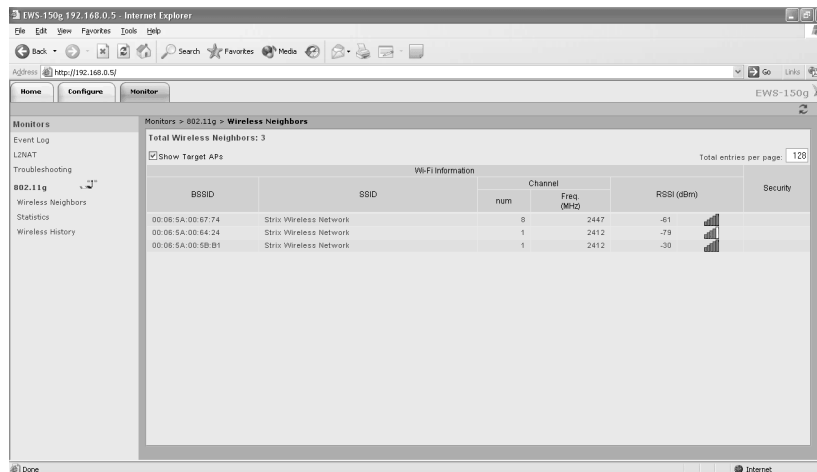
Monitoring

The EWS-150g is equipped with a variety of monitoring features and a troubleshooting aid, all of which are available from the **Monitor** tab in the unit's Web interface. In addition, there are several quick links on the home page that will direct you to the key monitoring functions. The home page also includes an Antenna Aimer, which allows you to monitor signal strength while manually directing the unit's antenna (this function is only available from the home page). Monitoring functions include:

- Event Log
- L2NAT
- Troubleshooting
- Wireless Neighbors
- Statistics
- Wireless History

Because the EWS-150g monitors are intuitive and to avoid redundancy, this document does not provide examples of all available monitors. It does, however, provide an example of the Troubleshooting window and the Antenna Aimer.

Where monitors are in tabular form the table can be sorted by column by simply clicking in the column header. For example, in Wireless Neighbors you may want to display the results sorted by RSSI value. In this case, click in the RSSI (dBm) column header. To reverse the displayed order (descending instead of ascending), click in the column header again.



The screenshot shows the 'Wireless Neighbors' monitor in the EWS-150g Web interface. The interface includes a navigation menu on the left with options like 'Monitors', 'Event Log', 'L2NAT', 'Troubleshooting', '802.11g', 'Wireless Neighbors', 'Statistics', and 'Wireless History'. The main content area displays 'Monitors > 802.11g > Wireless Neighbors' with a sub-header 'Total Wireless Neighbors: 3' and a 'Show Target APs' checkbox. A table titled 'Wi-Fi Information' shows the following data:

BSSID	SSID	Channel		RSSI (dBm)	Security
		num	Freq (MHz)		
00:0E:5A:00:67:74	Strix Wireless Network	8	2447	-61	
00:0E:5A:00:64:24	Strix Wireless Network	1	2412	-79	
00:0E:5A:00:5B:D1	Strix Wireless Network	1	2412	-30	

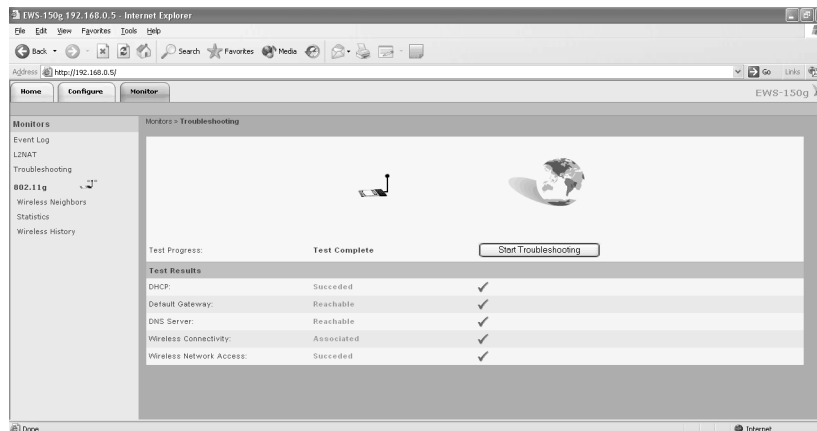
If you encounter problems when installing this product, contact your service provider.

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Troubleshooting

This feature is provided as a convenient tool for testing your wireless configuration and associations. To initiate the troubleshooting tool, click on the **Monitor** tab then click on **Troubleshooting** to display the Troubleshooting window.

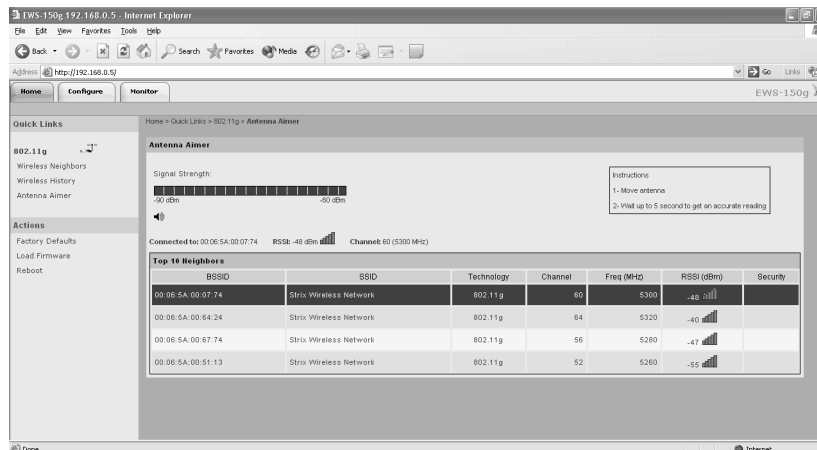
Click on the **Start Troubleshooting** button to begin the process.



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Antenna Aimer

Available from the **Home** page, this tool is provided to assist you when attempting to find the optimum placement for the EWS-150g. The process is dynamic and interactive, which means that when you reposition the unit or its antennas you are presented with a response indicating the received signal strength.



If you encounter problems when installing this product, contact your service provider.