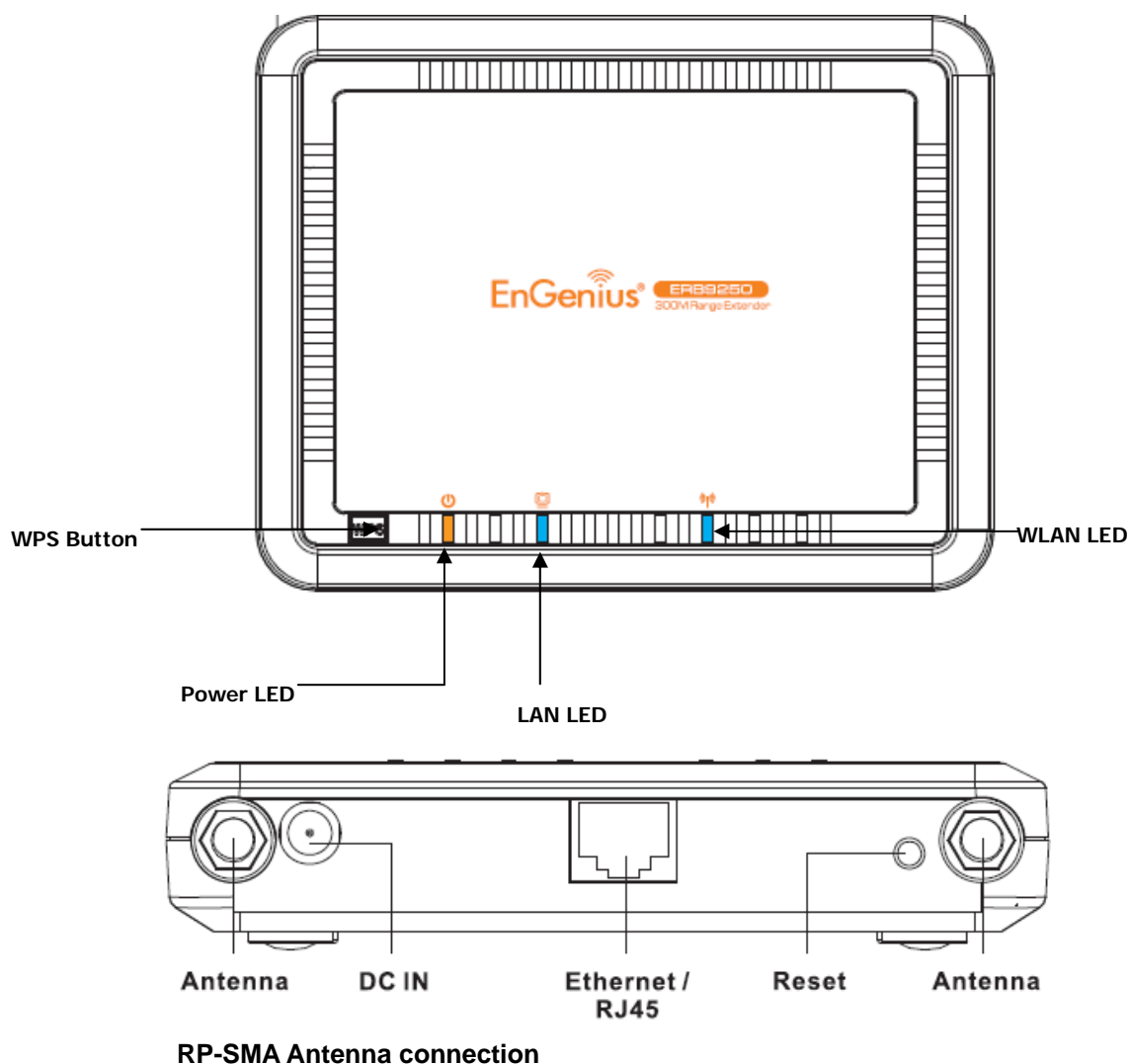


### Package Contents

- One ERB9250 300M Range Extender
- One 12V/1A power adapter
- Two 2dBi 2.4GHz SMA antennas
- One Ethernet cable
- One CD-ROM with user manual
- This Quick Start Guide



### Hardware Overview

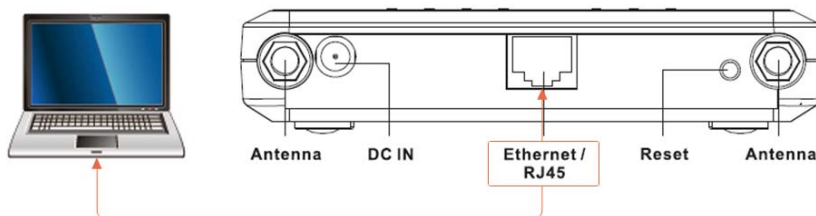


## Getting Started

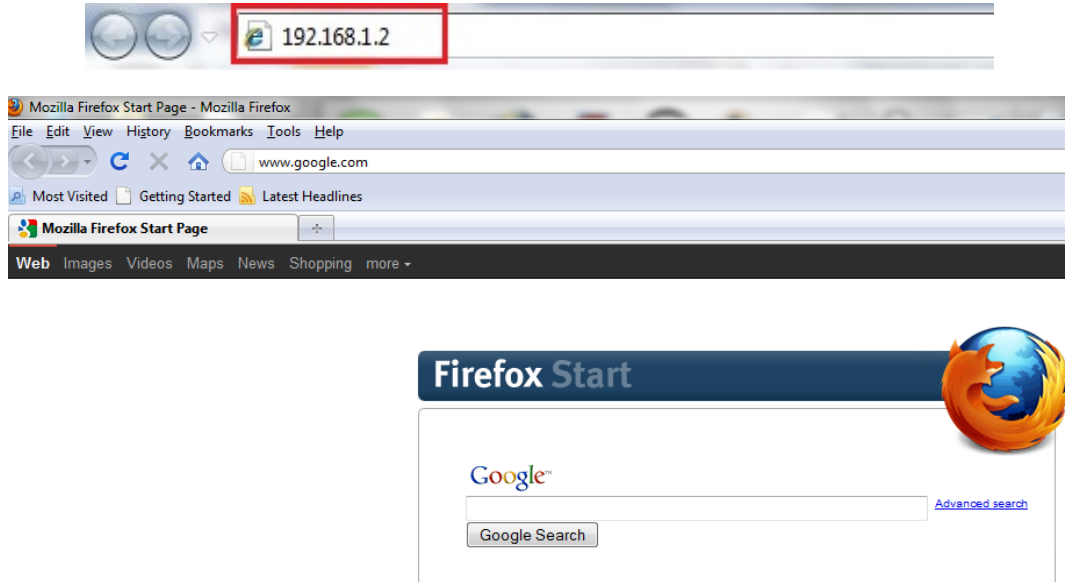
1. Confirm that your Internet and the wireless network are active before powering on your Range Extender.
2. Connect the two antennas to the antenna connectors on the rear panel of your Range Extender.
3. Decide whether to use the Range Extender's Quick Manual Configuration or WPS Configuration:
  - Quick Manual configuration: It is highly recommended to use this user friendly configuration method.
  - WPS configuration: You can use this configuration method if your router supports WPS.
4. After configuring the ERB9250 Range Extender with your router, you can move ERB9250 to the place between your router and your wireless clients which is preferably in line of sight of your router. Please see "**Placing Your Range Extender in an Optimal Location**" to locate an optimal location for ERB9250 Range Extender.

## Quick Manual Configuration

1. Power on the ERB9250.
2. Disable any wireless connections present on the computer being used to configure the Range Extender before setting up ERB9250.
3. Connect one end of the supplied Ethernet cable to the **Ethernet/RJ45** connector on the rear panel of the Range Extender, and connect the other end to an Ethernet port on your desktop or laptop.



4. Open a web browser (Internet Explorer/Firefox/Safari). If you use Internet Explorer or Safari, it will direct you to step 5. If you use Firefox, please enter any web site URL (for example: [www.google.com](http://www.google.com)) or the default IP Address of the Range Extender, **http://192.168.1.2**.



5. Click **Scan Now** and you will see all of the wireless networks in range of the ERB9250.

**START:**

- Select your AP (router) to extend the wireless coverage.
- Show me a list of available AP list. **Scan Now**

Click on [Expert Mode] to configure advanced settings

Expert Mode

## 6. Select the target router and click **Connect**

### STEP 1: Select your Access Point (Router)

- Please select one from the list and press [Connect] to proceed.
- If your AP is not found on the list please press [Refresh] again to get updated list.
- If you have enabled "Hidden SSID" or "Do not broadcast beacon" on your AP, you will have to enter correct SSID on the next page.

NO.	Select	Channel	SSID	BSSID	Encryption	Authentication	Signal(%)	Mode
1	<input type="radio"/>	1	SENAOWL	00:02:6F:52:8C:D3	WEP	AUTOWEP	86	11b/g
2	<input type="radio"/>	1	SENAOWL	00:97:53:AA:11:1C	WEP	AUTOWEP	20	11b/g/n
3	<input type="radio"/>	1	ap51_memleak	00:02:6F:00:00:20	NONE	OPEN	50	11b/g
4	<input type="radio"/>	8	SQA_M36	00:02:6F:6B:D2:25	TKIPAES	WPA1PSKWPA2PSK	100	11b/g
5	<input type="radio"/>	2	belkin.nelson	94:44:52:B4:C0:D3	AES	WPA2PSK	65	11b/g/n
6	<input type="radio"/>	4	RD_ADSL	00:02:6F:11:22:A0	WEP	AUTOWEP	60	11b/g/n
7	<input checked="" type="radio"/>	4	HomeAP	00:02:6F:64:C9:F0	AES	WPA2PSK	100	11b/g/n
8	<input type="radio"/>	4	556-@@	00:AA:BB:33:52:12	TKIPAES	WPA1PSKWPA2PSK	60	11b/g
9	<input type="radio"/>	5	RD2esr9850	00:AA:CC:DD:10:14	AES	WPA2PSK	60	11b/g/n
10	<input type="radio"/>	7	RAIDER ADSL`	00:0C:F6:54:A9:78	TKIPAES	WPA1PSKWPA2PSK	81	11b/g/n

## 7. Enter the password in the **Pre-shared Key** column if your target router is encrypted with password. Click **Connect**.

### STEP 2: Enter Password (security key)

- The following security settings are automatically entered for you in accords to the selected AP.
- Change it ONLY IF you found it mismatched.
- Usually you are only required to enter the password (security key).
- If your AP does not have security, please ignore this page and press [connect] to proceed.

<b>Network Name (SSID) :</b>	HomeAP
<b>Encryption :</b>	WPA pre-shared key ▼
<b>Authentication Type :</b>	WPA2(AES) ▼
<b>Pre-shared Key :</b>	12345678

8. The connection is established successfully between your router and ERB9250. Now the ERB9250's SSID is identical with the router's SSID.

Establishing connection with the selected AP...  
Please Wait

### STEP 3: Complete and Reconnect

**Congratulations! You have successfully extended your AP signal with range extender.  
Please read the following note carefully.**

- Your range extender has cloned your AP "HomeAP" ; therefore, you will now find two APs with the same name (SSID) "HomeAP".
- You can now roam and your wireless interface card will pick up the most suitable AP signal as you move.
- Please reconnect to wireless network "HomeAP" with the password (security key) "12345678".

9. After completing the set up of the ERB9250 successfully, remove the Ethernet cable from ERB9250 and the computer. Now, please enable your wireless connection.

## WPS Configuration

1. Enable WPS on your router and ensure it is activated (some routers may require you to press a WPS button and hold it down for a few second to enable WPS).



2. Press the WPS button on the front panel of your ERB9250 Range Extender once. The orange

LAN LED (  ) will begin blinking.

### Note:

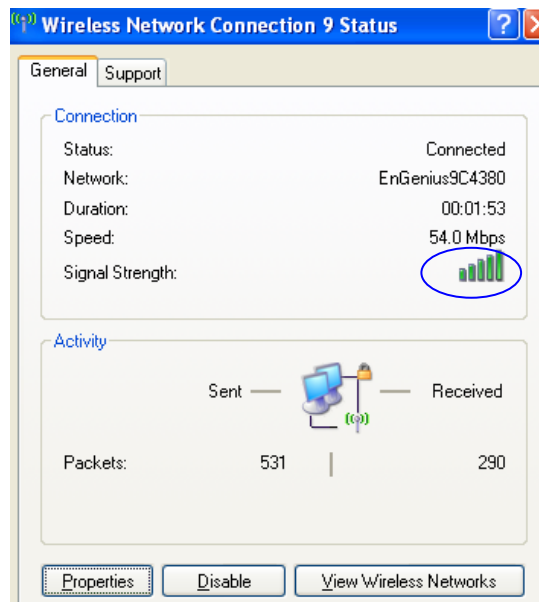
- It takes up to 60 seconds for ERB9250 to extend your router. Once the orange LAN LED stops blinking and stays ON, the setup is complete.
- If the orange LAN LED does not stay ON, the configuration is not successful. In this case:
  - ⇒ Move the Range Extender closer to your router.
  - ⇒ Ensure the antennas are connected securely to the Range Extender rear panel.
  - ⇒ Repeat steps 1 and 2.
  - ⇒ Alternatively, consider Quick Manual Configuration if WPS configuration functioning properly.

This completes the WPS setup for your ERB9250 300M Range Extender. Please proceed to **“Placing Your Range Extender in an Optimal Location”**.

## Placing Your Range Extender in an Optimal Location

After configuring your Range Extender, place it in the best location that suits your needs to ensure optimum performance.

1. Remove the Ethernet cable from the Range Extender and from your computer.
2. Using your PC's wireless utility software, find a location that receives a good signal (at least 3 bars of signal strength) from your router. Avoid dead spots or weak spots where signal strength from your router cannot reach the repeater..



3. Place your Range Extender in the location found in the previous step and plug it into the closest power source.

## Logging in to the Range Extender

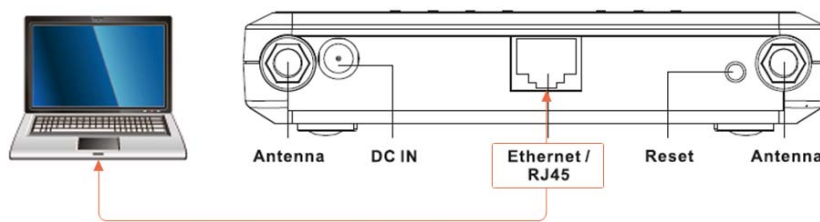
After setting up the ERB9250 with a wireless router, you can access ERB9250 web-based management page to modify settings and to upgrade firmware by entering <http://erb9250> in the address field of the web browser.

## Troubleshooting

### Cannot access the Internet after successfully setup ERB9250 with your router

After you set up ERB9250 with your router completely, moved the ERB9250 to the optimum location, and found that you could not surf Internet Web pages with your laptop even though the signal is strong, potentially your ERB9250 is not setup successfully.

1. You can do the troubleshooting by disabling your wireless network adapter/card, then connecting one end of the supplied Ethernet cable to the **Ethernet/RJ45** connector on the rear panel of the Range Extender, and connecting the other end to an Ethernet port on your desktop or laptop. Now ERB9250 acts as a wireless network adapter. If you cannot access the Internet, ERB9250 is not setup successfully, please restart the set up for ERB9250 by following the Quick Manual Configuration on page2.



2. Or you can login ERB9250 Range Extender and look under Status. It should state you have a successful connection. If not, please restart the setup for ERB9250.