Start Here ▶▷▶

1 Check Package Contents & Requirements

Package Contents

- 1x Wireless-300N Range Extender
- 1x Power Adapter
- 1x Ethernet Cable
- 1x Setup CD -ROM
- 1x QIG (Quick Install Guide)
- 2x Dipole Antennas

Requirements

- Internet Access with a Wireless AP or Router
- PC Computer (for configuration only)
- Power Outlet

2 Overview

LED Description

HWREN1
Hi-Gain Wireless-300N Range Extender

Power - LED is on, when the power adapter is connected and plugged in to an outlet.

Wireless LAN - LED is on (blinking), when wireless data activity is detected.

LAN Connection - LED is on, when there is a wired connection to your network

Back Pannel Description

Removable Antennas - Removable Omni-Directional Antennas

Power - Power Adapter Plug

Reset Switch - Resets your router to its default settings

Modem Port - For connecting directly to your Broadband Modem's ethernet port.

3 Connecting the Range Extender

1.) Connect the A/C power adapter to an electrical source, and then connect it to the 'Power' socket of the Range Extender.

HWREN1 Range Extender

2.) Connect your Range Extender to a LAN port on the Router or AP that you would like to extend (repeat) the range on.

HWREN1 Range Extender "REPEATER"   Router/AP "SOURCE"   Broadband Modem

3.) Connect your PC to any of the LAN ports located on the back of your router/AP.

HWREN1 Range Extender "REPEATER"   Router/AP "SOURCE"   Broadband Modem   PC

PC Symbol for Ethernet Port   Example PC Rear Ports
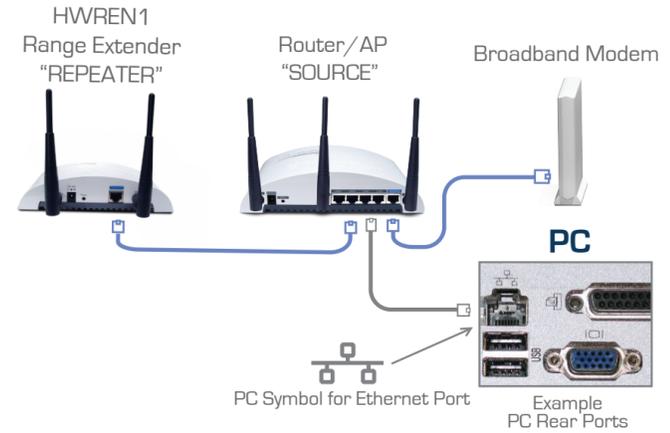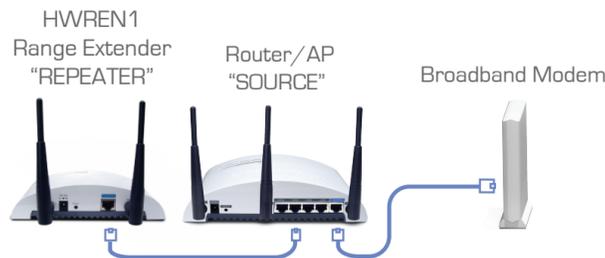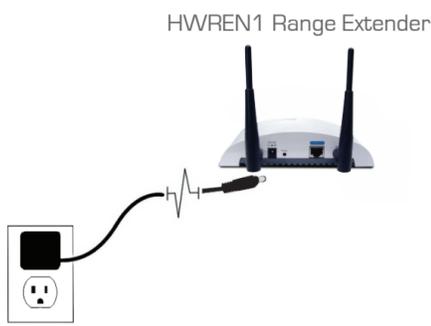
4 Configuring the Range Extender

1.) Insert the Setup CD into the CD-ROM drive of your computer.

Welcome to the Setup Wizard
Please Read the Quick Installation Guide Before Setting Up the Range Extender

Setup Wizard
Quick Installation Guide
User's Manual
Product Registration
Exit

2.) When the auto-load page appears, click the Setup Wizard option on the right and follow the Setup directions...

Hi-Gain™ Wireless-300N Range Extender with Upgradable Antennas

Welcome to the HWREN1 Setup Wizard

1) First we will Detect your Range Extender to begin the Setup Process
2) Make sure that HWREN1 is properly connected to your network. View the Quick Installation Guide for Detailed Instructions on How to Connect Your Range Extender to your Network
3) When you are Ready to Detect, Click the Search Button and Highlight your Device after it has been Detected. Click NEXT when you have done so.

Search

Status : 1 Device Found !

3.) Scan for your Range Extender by clicking the 'Search' button. Once found, click the device to highlight it and click 'Next".

Hi-Gain™ Wireless-300N Range Extender with Upgradable Antennas

Choose an Identification Name for your Range Extender

Identification Name (SSID) : Hawking_300N_Extender

If you wish to Customize the Login information for the Range Extender check the box below and Enter your new Information

☐ Set Password

Username : admin
New Password :
ReEnter Password :
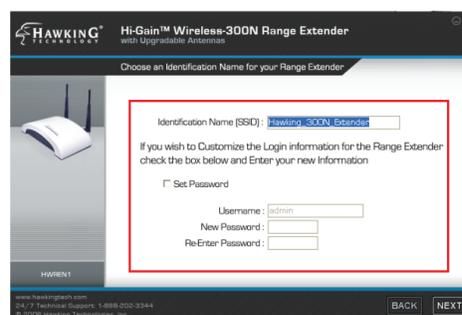
4.) Choose a name for your Range Extender. You will use this name to identify and connect to your extended network. Optionally, you may change your login username and password. Click 'Next'.

Hi-Gain™ Wireless-300N Range Extender with Upgradable Antennas

Setup the Local IP Address for your Range Extender

This IP Address is used for accessing the advanced menu of the Range Extender from a web browser

◉ Automatically Assign an IP Address from your Network

○ Manually Assign an IP Address

IP Address : 192 . 168 . 1 . 6
Subnet Mask : 255 . 255 . 255 . 0
Gateway : 192 . 168 . 1 . 254
DNS Server : 192 . 168 . 1 . 254

5.) Here, the Setup Wizard will automatically obtain a new IP address for your Range Extender from the Router. Please wait for this IP to generate into the IP address field. Note the new IP address and click 'Next' to continue.
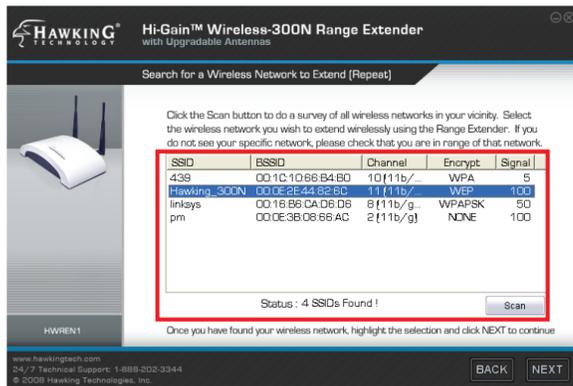
6.) In the Search box, find the Wireless Network that you would like to extend (repeat). This Range Extender works with wireless-N, wireless-B, and G networks. Select your "Source" network and then click 'Next'.

7.) For Security Settings, the Range Extender's security settings must be set identical to that of the "Source" network that is having the signal extended (repeated). If you do not know these settings please contact your network administrator. Leave encryption disabled if the "Source" network has no security setting.
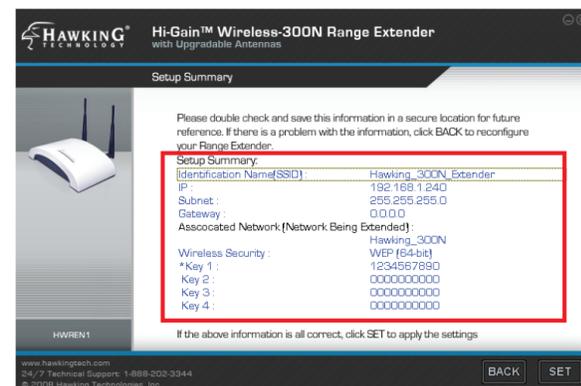
8.) The Setup Summary displays all configured settings of the Range Extender. If the information displayed corresponds to your desired network settings, you can go ahead and click 'SET' to apply the settings. The HWREN1 will automatically reboot. Please be patient.

5 Placing your Range Extender in an Optimal Location

To ensure your Range Extender's performance, you must place it in the best location that suits your needs.

1.) After the reboot, unplug your Range Extender from the Router/AP and from its power source. It no longer needs to be connected with an ethernet cord. Now, using your laptop's wireless utility software, locate a place that recieves a good to excellent signal from the original root AP (usually 3-4 bars of signal strength) that is in the direction of your problem area or "dead spot".

2.) Place your Range Extender in the location found in the previous step and plug it into the nearest power source to power it on. The power LED and WLAN LED should light up to show you that your Range Extender is now broadcasting a wireless network signal.

NOTE: DO NOT place the Range Extender outside your router's Coverage Area.

Router's Original Wireless Coverage Area

Problem Area (no signal)

Router or AP

Key: Green area represents 3-4 bars of signal strength.

"Source" Router or AP

Range Extender

Fixed Problem Area
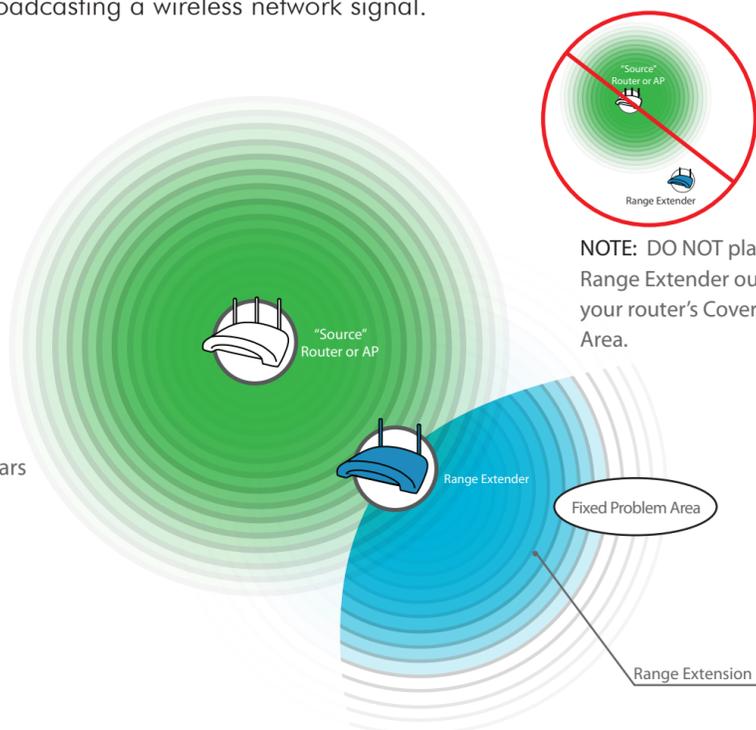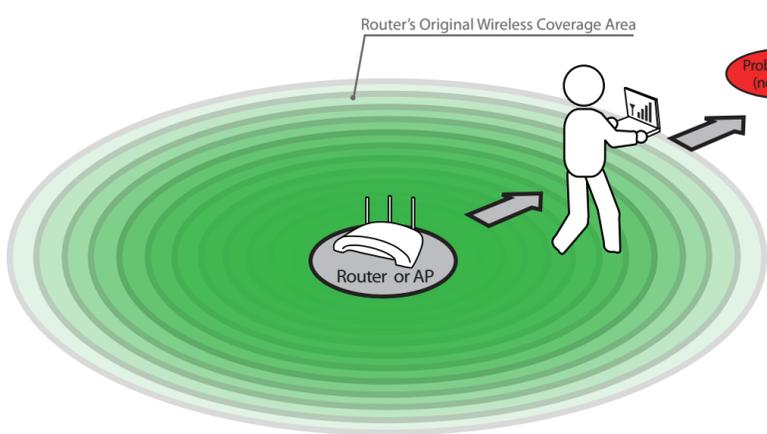
Range Extension

6 Connecting to your Range Extender

1.) To connect to your newly extended wireless network, click the wireless network icon in your system tray. It is located in the bottom right-hand corner of your desktop.
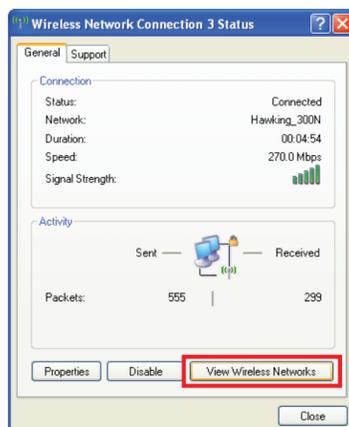
2.) Click the 'View Wireless Networks' button in the 'Wireless Network Connection Status' window.
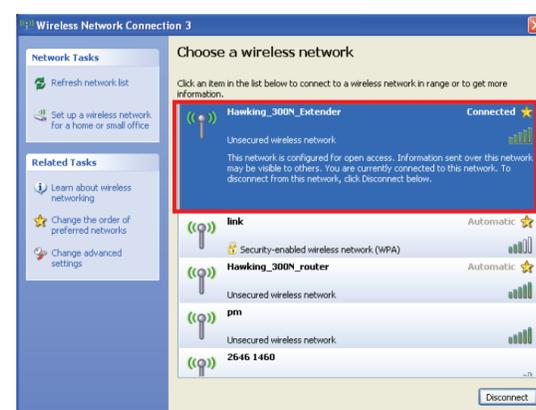
3.) Find your new network (default ID: Hawking_300N_Extender) and click on it twice or select and click 'Connect'. You can now enjoy your newly extended wireless network!

NOTE #1: If you have security enabled you will be prompted to enter your password.

NOTE #2: It may take a few minutes for the Range Extender to associate with the network for the first time. Please be patient.