Getting Started

HW2R1 - Hi-Gain™ Wireless-N Dual Radio Smart Repeater

1. Installation Preparation

Check your package contents to make sure you have everything you need to begin.

- Wireless-N Dual Radio Smart Repeater
- Power Adapter
- 3 x Wi-Fi Antennas
- Ethernet Cable

Check that you have the following requirements in your home/office:

- Wired or Wireless Internet Connection
- Power Outlet
- Computer with wireless or wired access
- Hi-Gain Antenna (Optional)

2. Find an Installation Location

Your Hi-Gain Wireless-N Dual Radio Smart Repeater should be placed in an optimal location in your home or office to obtain the best performance. Find a location that is closest to the wireless Internet connection that you are trying to connect to.

Make sure the Repeater is placed in a location where it can receive a strong signal from the wireless Internet connection you wish to connect to. The Repeater will not work without a signal that it can repeat.

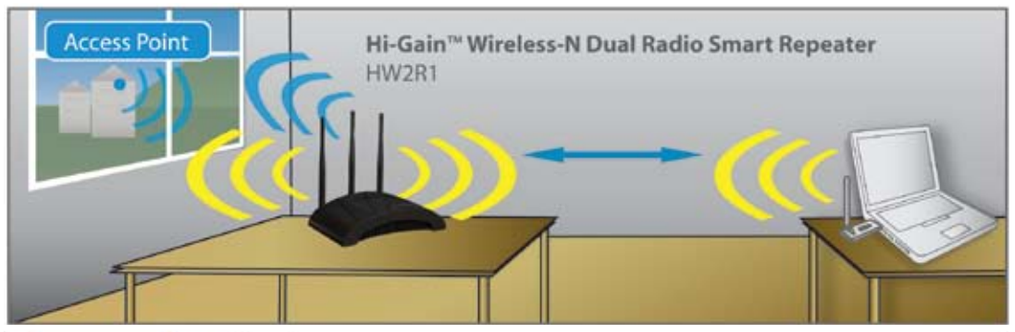
A. Attach the Antennas to the Repeater.

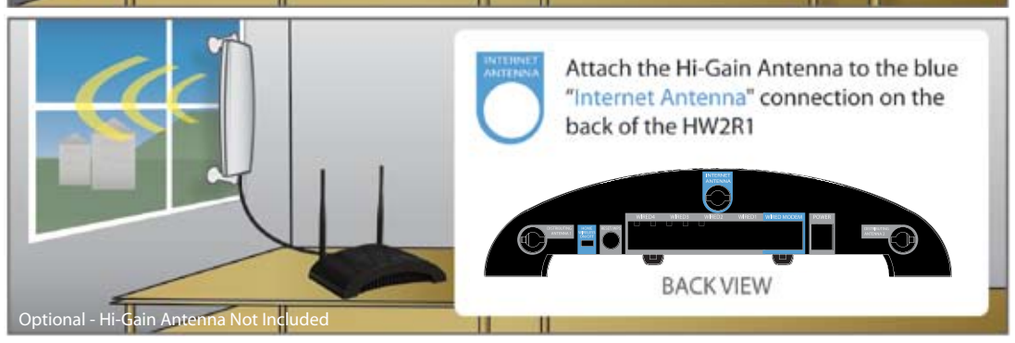
Locate the 3 antennas from your packaging and attach them to the Hi-Gain Wireless-N Dual Radio Smart Repeater.

Optional **- Using a Hi-Gain Antenna (not included) with the Repeater:**
Hi-Gain Antennas can be used to increase the signal strength to your wireless Internet connection. If you are using one, follow the instructions to the right. The middle antenna titled 'Internet Antenna' is the antenna used to connect to your outside wireless Internet connection. The grey antennas are used to redistribute the connection within your home or office.

B. Plug in the Power Adapter.

When you have completed the antenna setup, plug in the included power adapter into the nearest power outlet.





Wireless Internet Connection LED

Stable Light ON (>70%):	Good Wireless Internet Connection
Fast Blinking (36%-69%):	Normal Wireless Internet Connection
Slow Blinking (<35%):	Poor Wireless Internet Connection
Stable Light OFF:	Cannot find Wireless Internet Connection

3. Connect to the Repeater

Using a computer with wireless networking access, connect to the Repeater by searching for the wireless network named: Smart_Repeater





For wired connections, use the included Ethernet cable to connect to the Repeater's 'wired' ports on the back of the Repeater

Click Next to continue.

4. Open a Web Browser

Using the same computer, open a web browser and type in the following web address in the web address bar: http://setup.hawkingtech.com

(If the above address fails use the following address in your web browser address bar: http://192.168.1.1)



Once the page loads, enter the following login information:

Login: admin
Password: 1234

Click Login to continue.

5. Scan for your Network

Click Scan to find your wireless Internet connection. After the list appears, select the connection and click Connect.



If the signal strength is low or your network does not appear, you may need to readjust your location of your Repeater or the position of its antennas. Click Scan to try again.
Click Next to continue.

6. Configuration Settings

The Setup Wizard will now prompt you to automatically configure your IP settings (recommended) and enter a security key if the network you are connecting to is an encrypted network. Enter the key and click Continue.



IP Settings



Wireless Security

If you do not know the security key of the network you are connecting to, consult your network administrator.

7. Complete Setup

The setup of your Repeater is now complete. If you wish to change the name (SSID) of your home/office wireless network (from Smart_Repeater) you may do so here.

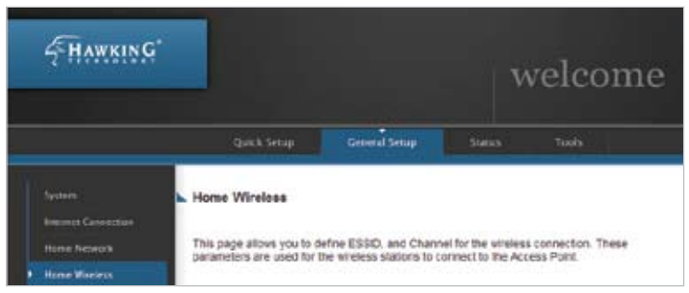


If you wish to add wireless security to your home/office network you may enter one here. All users logging in through the Repeater will be required to enter this passcode.

Click Finish to complete your setup then click Apply to confirm settings and reboot. The wizard will prompt you to test your Internet connection after the system has rebooted.

8. Additional Setup Features

The HW2R1 has many additional setup features. To access these settings you may click on any of the main menu tabs located on the interface: General Setup, Status and Tools.



For more information on the advanced features and settings of the Hi-Gain Wireless-N Dual Radio Smart Repeater please refer to the User's Manual.

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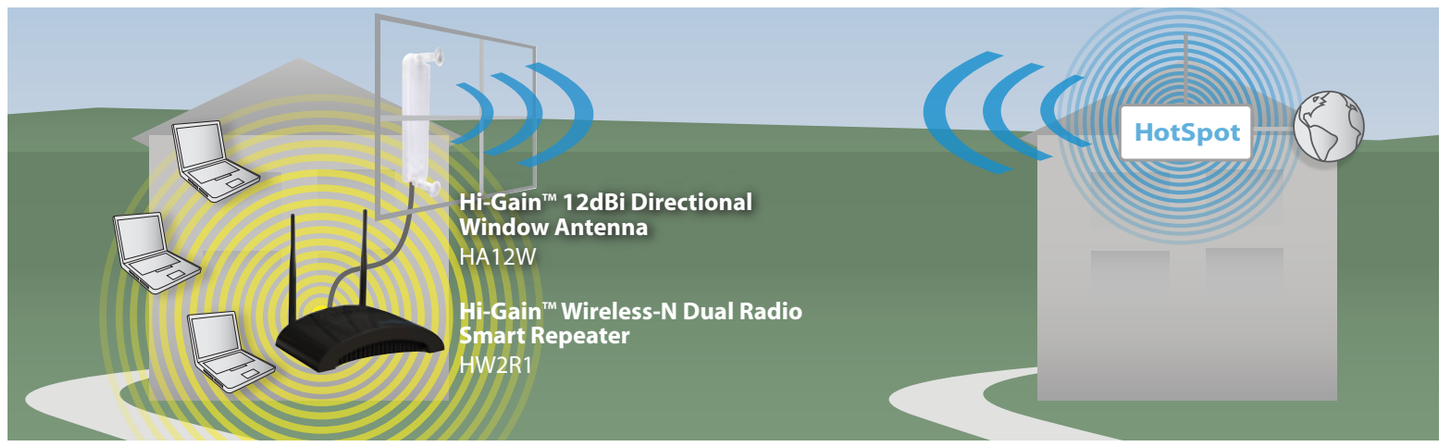
HAWKING TECHNOLOGY

Application Guide

Different Ways to Use Your Hi-Gain™ Wireless-N Dual Radio Smart Repeater

FOR HOME

- Extend the wireless network from your home to your backhouse or backyard
- Share the Internet connection from a nearby coffee shop hotspot or from a 'participating' neighbor's wireless connection
- Eliminate wireless dead spots within your home or repeat the wireless signal from one area of your home to another



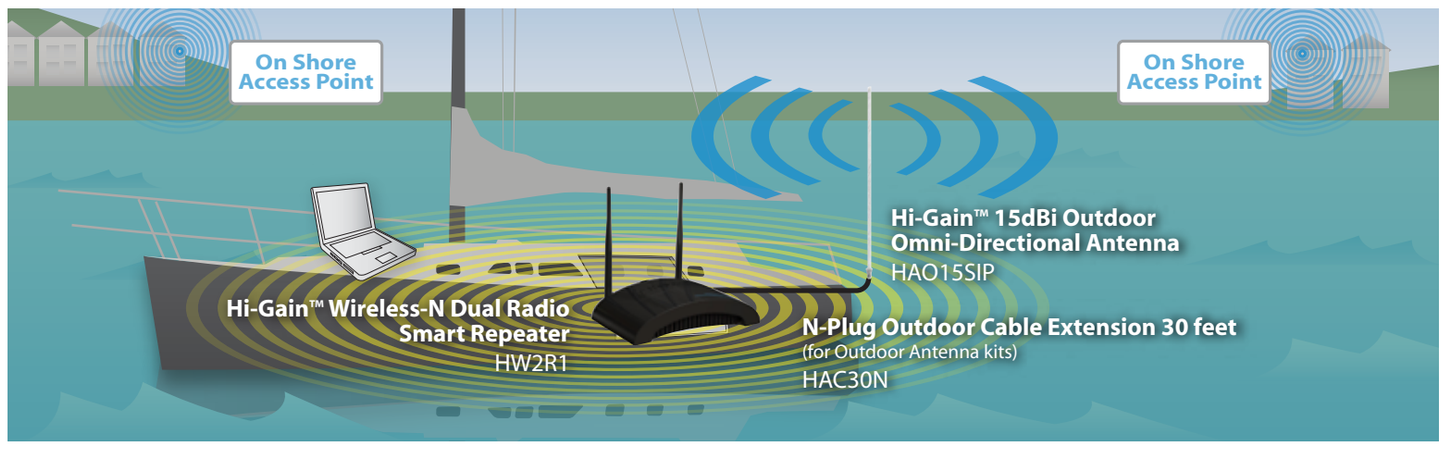
FOR OFFICE

- Extend the office network wirelessly from one location to another (using Hi-Gain outdoor antennas).
- Use one Internet connection for two or more nearby office locations
- Eliminate wireless dead spots within your office or repeat the wireless signal from one office floor to another



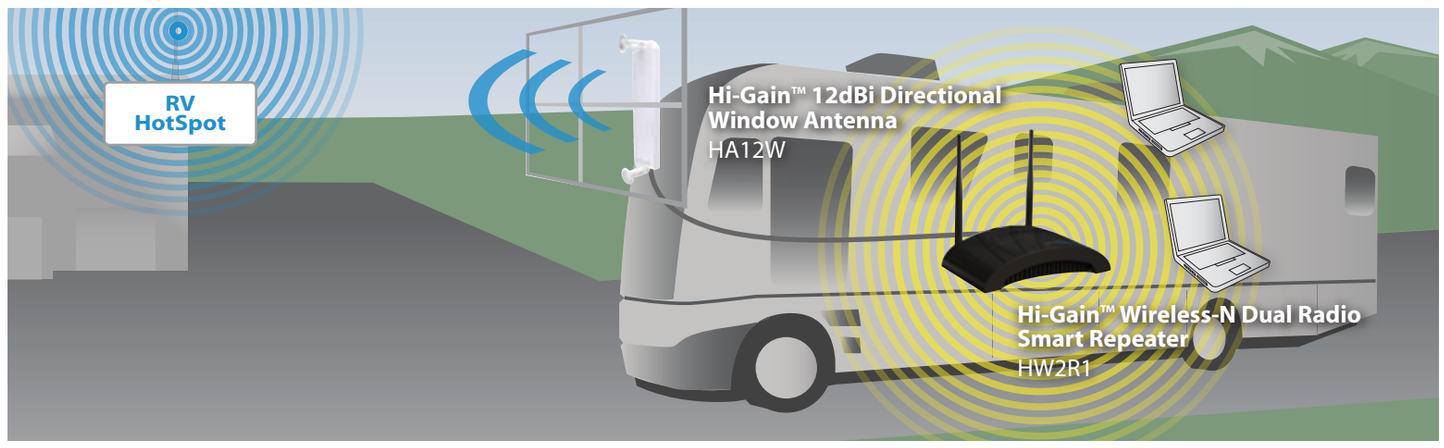
FOR MARINERS

- Connect to an on shore wireless Internet connection to provide wireless Internet access to your boat or yahct
- Locate Internet connections to browse the Internet while close to shore
- Use Hi-Gain antennas for more distance in connecting to on shore wireless Internet sources



FOR YOUR RV

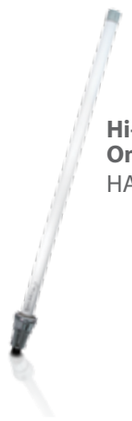
- Connect to camp ground wireless Internet connections to provide Internet access within your RV
- Use Hi-Gain antennas for more distance in connecting to wireless hot spots while on the road or while parked



Hawking Hi-Gain™ Antennas and Accessories (Sold Seperately, More Products Available Online)



Hi-Gain™ 12dBi Directional Window Antenna
HA12W



Hi-Gain™ 15dBi Outdoor Omni-Directional Antenna
HAO15SIP



Hi-Gain™ 14dBi Outdoor Directional Antenna Kit
HAO14SDP



N-Plug Outdoor Cable Extension 30 feet
(for Outdoor Antenna kits)
HAC30N

To purchase Hawking Hi-Gain Antennas and Accessories, visit

http://www.gohawking.com

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