



2.4 GHz

HWREG1

## Wireless-G Range Extender



### HWREG1 Wireless-G Range Extender

#### PACKAGE CONTENTS:

- One Wireless-G Range Extender
- One CD, includes Advanced 3-Minute Easy Setup Wizard and Manual
- Easy to follow Quick Installation Guide
- One Power Adapter
- One Standard Dipole Antenna

#### Extend the Range of your Wireless Network

The HWREG1 effectively doubles the operating distance of your entire wireless network. Whether its an area in your home that has limited or no wireless coverage or a warehouse in your office, the Hawking Wireless-G Range Extender takes the signal from your wireless access point and retransmits it at a higher rate. Simply place the Range Extender halfway between your Wireless Access Point and wireless trouble spot. The HWREG1 is the ONLY wireless repeater on the market that supports most wireless 802.11b/g networks and devices so you never have to worry whether the wireless network you have at your home or office will work with the Range Extender. The HWREG1 also features a new software setup wizard for hassle free installation. To setup the Range Extender you simply load the CD and scan for a network to extend.

#### Features

- Doubles the Range of your Wireless Network
- The Only Repeater that Works with MOST 802.11b/g Networks and Wireless Access Points
- New Setup Wizard allows for quick and easy setup
- Eliminate any Wireless Dead Spot in your Home or Office

#### Systems Requirement:

- Pentium compatible or above w/ CD-Rom
- 802.11b or 802.11g Wireless Network



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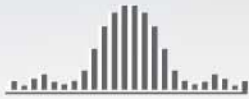


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### Wireless-G Range Extender

#### ORDERING INFORMATION:

- HWR54G HI-Speed Wireless-G Router
- HWP54G HI-Speed Wireless-G PCI Card
- HWC54G HI-Speed Wireless-G Cardbus PC Card
- HWU54D HI-Speed Wireless USB Network Adapter

#### SPECIFICATIONS:

##### Network Specifications:

- IEEE802.11b/g (Wireless)
- IEEE802.3 (Wired)

##### Data Rate:

- 54/48/36/24/18/12/11/5.5/2/1Mbps auto fallback

##### Security:

- 64/128-bit WEP Data Encryption
- WPA, WPA2

**Frequency Band:** 2.400~2.4835GHz  
(Industrial Scientific Medical Band)

##### Wireless Transmit Power

- 18dBm

##### Antenna:

- External detachable dipole antenna (with RP-SMA connector)
- Upgradable using Hawking's Hi-Gain WiFi Range Extending Antennas and Boosters

##### Software and Management

- Advanced Software Setup Wizard
- Site survey tool for selecting wireless networks
- Management via web-based User Interface

##### Connectors:

- 10/100Mbps RJ-45 x 1

**Power:** DC 12V, 0.5A

##### LEDs:

- Power
- LAN Link/Activity
- Wireless Activity

**Dimensions:** 30(H) x 127(W) x 87(D) mm

##### Temperature:

- Operating: 10~40°C

**Humidity:** 10-90% (Non-condensing)

#### READY, NETWORK & GO!

It's easy to install, it's easy to use! Everyone can do it.

**Step 1** - Insert the Setup Wizard CD and Scan for your network to extend

**Step 2** - Place the Range Extender in your Desired Location

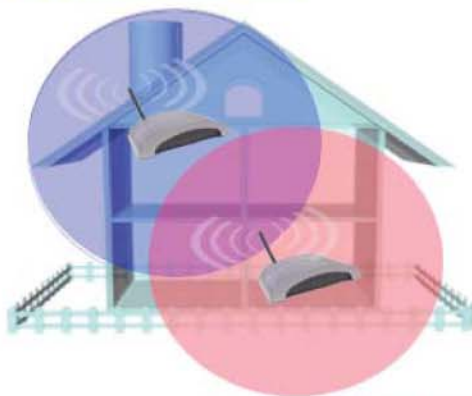
**Step 3** - Power on the Unit

#### WIRELESS NETWORK DIAGRAM:



\*The range will vary in different operating environments due to effects such as building construction.

#### Original Wireless Network Radius



**Extended Network Radius  
Using the Hawking Range Extender**