HAWKING® TECHNOLOGY

HWREN1

Hi-Gain™
Wireless N

Hi-Gain Wireless-300N Range Extender

PACKAGE CONTENTS:
- One Hi-Gain™ Wireless-300N Range Extender
- One Power Adapter
- One CD, includes PC Setup Wizard and User's Manual
- One RJ-45 Ethernet Cable
- Easy to follow Quick Installation Guide

Extend the Range of your Wireless Network

The HWREN1 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-300N 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 HWREN1 is the ONLY wireless repeater on the market that supports most wireless 802.11b/g/n 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 HWREN1 also features a new software setup wizard for hassle-free installation. To setup the Range Extender you simply load the Setup 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/n Networks and Wireless Access Points
- New Setup Wizard allows for quick and easy setup
- Eliminates Wireless Dead Spots in your Home or Office

System Requirements:
- Pentium compatible PC or above w/ CD-ROM
- 802.11b or 802.11g or 802.11n Wireless Network

HAWKING
T E C H N O L O G Y ®

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**Hi-Gain Wireless-300N
Range Extender**

SPECIFICATIONS:

Network Specifications:
* IEEE 802.11b/g/n

Modulation
* 11b:DSSS with CCK, QPSK, BPSK
* 11g:OFDM with 64QAM, 16QAM
* 11n:OFDM with 64QAM, 16QAM, QPSK, BPSK

Transfer Rate
* 11b:1/2/5.5/11M
* 11g:6/9/12/18/24/39/48/54M
* 11n (20MHz):MCS 0-15 (up to 144Mbps)
  11n (40MHz):MCS 0-15 (up to 300Mbps)

Transmit Power
* 11n:15dBm±1dBm, 11g:15dBm±1dBm,
  11b:17dBm±1dBm

Operating Frequency
* 2.4~2.4835 GHz

Security
* 64/128-bit WEP Data Encryption, WPA-PSK
  (TKIP, AES), WPA2-PSK(TKIP, AES), Radius
  Server

Antenna
* 3dBi Dipole Hi-Gain Antenna x 2

Power
* 12V DC

Operating Temperature
* 32~104°F (0 ~40°C)

Humidity
* Max. 90% (Non-Condensing)

Certification
* FCC , CE

Adapter: DC12V   Network
                        RJ-45 Port

Rear Ports

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READY, NETWORK & GO!
It's easy to install, it's easy to use! Everyone can do it.

Step 1 - **Connect the Hardware**
Connect the Range Extender to your network AP/Router and power on.
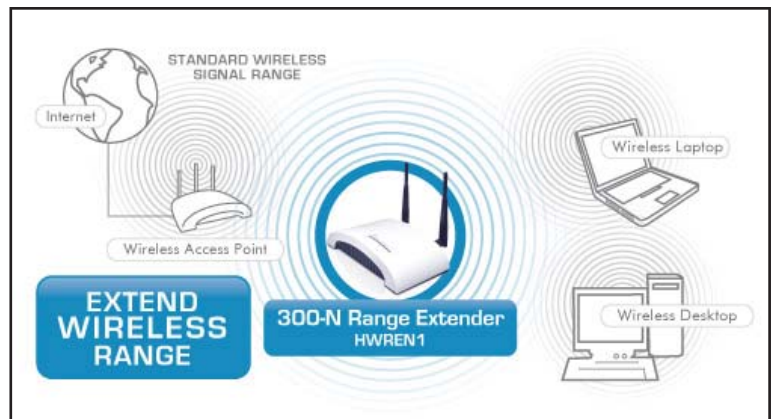
Step 2 - **Insert the Setup CD**
Insert the included setup CD into your CD-ROM drive and run through the setup wizard.

Step 3 - **Surf the Web Wirelessly**
Unplug the Range Extender from the AP/Router and place in your desired location and enjoy
wireless internet access throughout your home or office.

WIRELESS NETWORK DIAGRAM: