HAWKING
T E C H N O L O G Y

Hi-Gain™ WIRELESS N AMP

Hi-Gain™ Wireless 300N
Range Extender Pro

MODEL: HWREN2

PACKAGE CONTENTS:
- Hi-Gain™ Wireless 300N Range Extender Pro
- 2x 3dBi Hi-Gain Omni Directional Antennas
- One Mac/PC CD
- One RJ-45 Ethernet Cable
- One Power Adapter
- Easy to follow Quick Installation Guide

Extend your Wireless Network and Eliminate wireless deadspots with the new HWREN2 Hi- Gain Wireless 300N Range Extender Pro. The HWREN2 lets your WiFi enabled devices, smart phone or tablets, roam freely while you are at home or office.
Complete with a two 3dBi dipole antennas, the HWREN2 is sure to give your network the boost it needs to sustain a stable connection that ensures uninterrupted web surfing. To guarantee seamless integration with your wireless network, the HWREN2 is compatible with all Hawking Hi-Gain Wireless antennas.

Using range amplifier technoglogy, the HWREN2 can boost your wireless speeds up to 6X the transfer speed and up to 250% the distance of a standard Wireless-G network, the HWREN2 Range Extender makes downloading multimedia files or data more enjoyable

Although many homes and offices already have a wireless router to distribute signal, if your laptop is barely within the range of the router you will be connected, but your signal strength will be very low. Because your laptop only has minimal network connection, there may be data lag while downloading multimedia content, loading files, web surfing, etc. Your wifi may even disconnect from time to time due to the weak signal.

With the HWREN2 connected to your laptop, the network signal is magnified by the range extender. Thus, strengthening the previously weak wireless signal and maximizing your networks data transfer rate. This provides a stronger and more solid wireless connection to improve overall uploading and downloading speed. As a result, the HWREN2 enhances the data transfer speed and reduces lag while streaming or downloading multimedia content (video, music, etc.).

FEATURES
- Supports 2.4GHz Wireless Frequency Only
- Provides IEEE 802.11b/g/Draft-N wireless LAN capability
- Supports 64/128-bit WEP, WPA, and WPA2 wireless data encryption.
- Supports MAC address filtering (Only allow specific wireless device of your choice to connect to this access point).
- Five wired LAN ports (10/100M)
- Auto MDI / MDI-X function for all wired Ethernet ports.
- Provides IEEE 802.11a/b/g/n wireless LAN capability.
- Support DHCP (Server/Client) for easy IP-address setup.
- Allows you to monitor the access point's status: DHCP Client Log, System Log, Security Log and Device/Connection

SYSTEM REQUIREMENTS
- Computer or network device(s) with wired or wireless network interface card.
- Web browser (Microsoft Internet Explorer 4.0 or above, Netscape Navigator 4.7 or above, Opera web browser, Mozilla Firefox web browser or Safari web browser).
- An available AC power socket (100 – 240 V, 50/60Hz)

HAWKING TECHNOLOGIES, INC.
35 HAMMOND SUITE 150 • IRVINE, CA 92618

SALES: (888) 662-8828
E-MAIL: sales@hawkingtech.com

FAX: (949) 206-9072
TECHNICAL SUPPORT: techsupport@hawkingtech.com

SPECIFICATIONS:

Standard: IEEE 802.11 b/g/n
Frequency Band: 2.4000-2.4835 GHz
Security: WEP 64/128, WPA, WPA2, IEEE802.1

Hardware
CPU + Wireless Chipsets: Realtek
RTL8196C+RTL8192CE
Flash: 2MB
SDRAM: 16MB
LAN Ports: 10/100M UTP Port x 5
Antenna: 2x 3dBi Dipole antennas
Power: 12VDC, 1A Switching Power Adapter
Output Power spec:
11n (40MHz)@MCS15: 23+/-1.5dBm
11n (20MHz)@MCS15: 23+/-1.5dBm
11g@54Mbps: 23+/-1.5dBm
11b@11Mbps: 26+/-1.5dBm
Receive Sensitivity spec:
11n (40MHz)@MCS15: -69+/-2dBm
11n (20MHz)@MCS15: -73+/-2dBm
11g@54Mbps: -78+/-2dBm
11b@11Mbps: -89+/-2dBm

Weight: 0.42 lbs (Body only)
Dimension: 6 x 4.1 x 1.1 inches
Temperature: 32~104°F (0 ~ 40°C)
Humidity: 10-90% (NonCondensing)
Certification: FCC, CE

Wireless Router
with Range Amplifier
HAWNR3

Wireless Range Extender Pro
HWREN2

Tablet   Laptop