

Hi-Gain™ Wireless-300N Wall Plug Multi-Function Extender

MODEL: **HWREN25**

 2.4
GHz



PACKAGE CONTENTS:

- One Hi-Gain™ Wall Plug Multi-Function Extender
- One CD (Contains Product Information)
- One Quick Installation Guide

FEATURES:

- Sleek and compact design with integrated AC adapter
- Three different modes: Access Point, Repeater, and Bridge
- Hassle-free install using a tablet, smartphone, Mac or Windows computer - no driver or CD is required

Increase your Range up to 200%

This range extender allows you to repeat and rebroadcast 2.4GHz wireless 802.11b/g/n signals from any wireless access point or wireless router. Most standard wireless routers have a maximum range of about 200 feet. Its connection quality and speed diminish past this 200 foot radius. Anywhere, outside the coverage zone will have slow and unstable connections, or even as major as no connection at all. By adding the HWREN25 to your wireless network, you are **doubling the coverage area** and **improving the overall wireless connection**.

Seamless Roaming

Seamless Roaming is a unique feature that mirrors existing network settings for ultimate mobility with all your Wi-Fi devices. It allows your Wi-Fi devices to connect and roam freely. Place the HWREN25 within your existing network to expand the wireless coverage throughout your home and office. Eliminate slow network connections due to poor wireless coverage.

Three Easy and Selectable Wireless Modes

The HWREN25 Wall Plug Multi-Function Extender is designed with three powerful wireless operating modes: Range Extender, Access Point, and Bridge. In Range Extender (Repeater) mode, the HWREN25 repeats wireless signals from any access point or router with a 2.4GHz 802.11b/g/n network. Access Point mode, the HWREN25 converts a wired network to a wireless network. While Bridge mode, the HWREN25 consolidates all your wired devices and connect them to your wireless network.

Simply select your chosen mode and plug the extender into an available power outlet. You can even navigate our configuration page through your smartphone or tablet with the hassle-free installation feature.

Hassle-free Installation

The HWREN25 is quick and easy to install using a Wi-Fi enabled device (i.e. tablet, smartphone, Mac or Windows computer). Hassle-free means, there is no Ethernet cable or CD required for the installation. Simply power up the unit, use a Wi-Fi enabled device, and log into the set up page. This installation feature lets you configure and set up the HWREN25 within minutes.

Sleek Form Factor with Built-in Wall Plug

The Hi-Gain Wireless-300N Wall Plug Multi-Function Extender's slim design provides a sleek alternative to bulky networking devices that clutter your space with multiple wires and plugs. Since the repeater has an integrated AC adapter, you'll never lose your power supply cables or leave your transformers and wires susceptible to damage. With the HWREN25's available Ethernet port, your wired device can be plugged directly into your repeater, perfect for your gaming consoles that are just out of reach from an Ethernet wall jack. Exterior mode switch provides enhanced flexibility when setting up your device and allows you to quickly customize the device according to your environment needs. Front facing Wi-Fi locator LED light provides maximum visibility for setup and evaluates the Wi-Fi strength of that location. The external quick setup button or WPS button allows users to instantly activate the HWREN25 for secure setup.



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SPECIFICATIONS

Frequency Range: 2.4-2.5GHz,
Wireless Standard: 802.11 b/g/n
LAN Port: One 10/100M UTP Port
Security: 64/128-bit WEP, WPA, WPA2 securities, and IEEE 802.1x authentication

Data Rate

11b: 1/2/5.5/11Mbps
11g: 6/9/12/24/36/48/54 Mbps
11n (20MHz): MCS0-15, up to 144Mbps
11n (40MHz): MCS0-15, up to 300Mbps

Output Power

11b: 17±1.5dBm
11g: 14±1.5dBm
11n (20MHz): 13±1.5dBm
11n (40MHz): 13±1.5dBm

Physical Specifications

Antenna: 2 Internal (2T2R)
LEDs: Wireless Signal, WLAN, Power, WPS, LAN
Dimension: 1.59(H) x 2.87(W) x 1.81(D) inches
(excluding power plug)
Weight: 0.18 lb (2.9 oz)
Power Module: 5V, 1A Power Module Inside
Color: Black
Material: ABS, UV resistant
Temperature: 32~104°F (Operating)
-4~140°F (Storage)
Humidity: 10~90% (Non-condensing)(Operating)
Max. 95% (Non-condensing)(Storage)

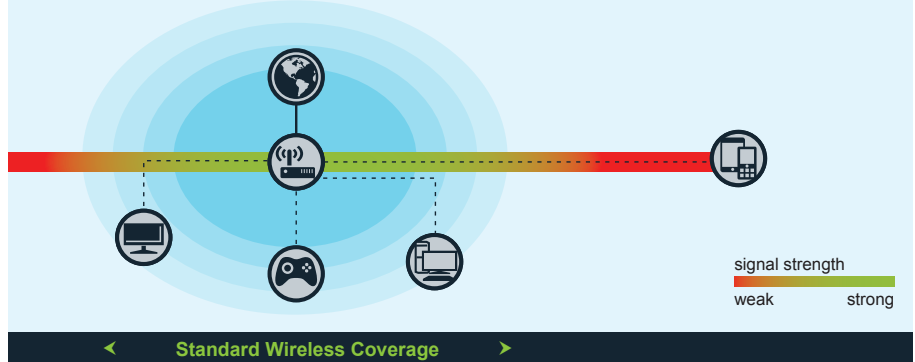
Certifications: CE, FCC

SYSTEM REQUIREMENTS

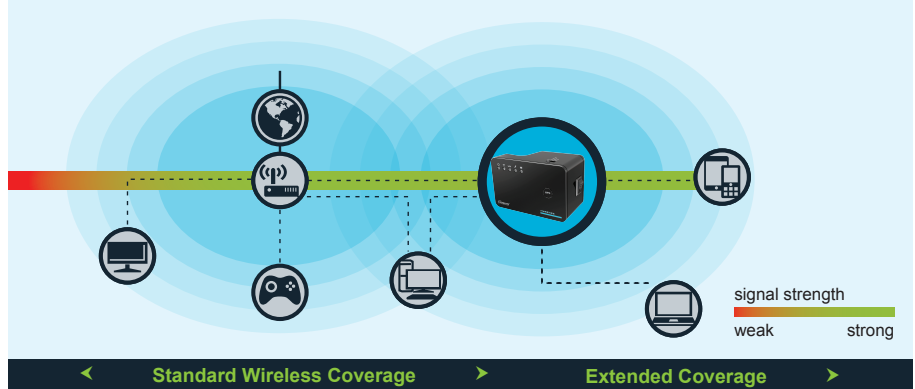
- A wired or wireless network device, smartphone, tablet, Windows or Mac computer
- Access to a wireless internet connection
- A web browser Internet Explorer 6+, Safari, or equivalent

HOW IT WORKS

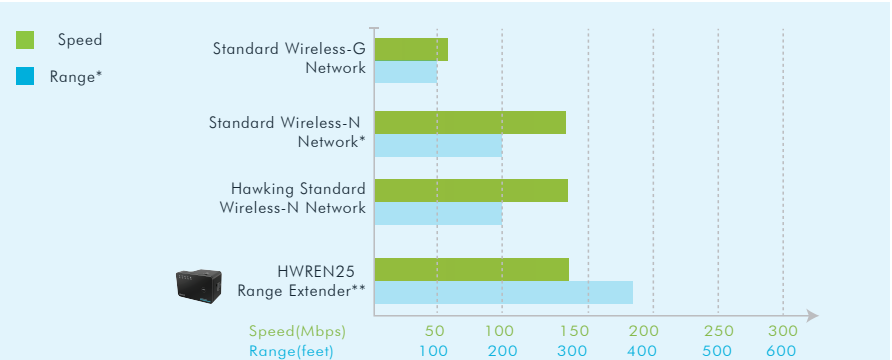
A **common problem** with high performance wireless network is lack of coverage. Devices connect from anywhere outside the coverage area will result in slow and unstable connection, or even as major as no connection at all.



The **Range Extender** doubles the wireless coverage of your high performance wireless network. It reduces your wireless deadspots, provides extended coverage for outer devices. In addition, it stabilized your wireless connection for the slightly out of reach devices, such as improving the data transfer speed and reducing lag while streaming or downloading multimedia content (video, music, etc.).



HAWKING'S WIRELESS PERFORMANCE GUIDE



*A Standard Wireless Range reaches at up to 150Mbps and up to 200ft in optimal wireless environments
**The above measurement is based on optimal wireless networking environment.
Actual results may vary depending on your networking and operating environment