HAWKING® TECHNOLOGY

Quick Installation Guide   HWREN25 | Hi-Gain™ Wireless-300N Wall Plug Multi-Function Extender
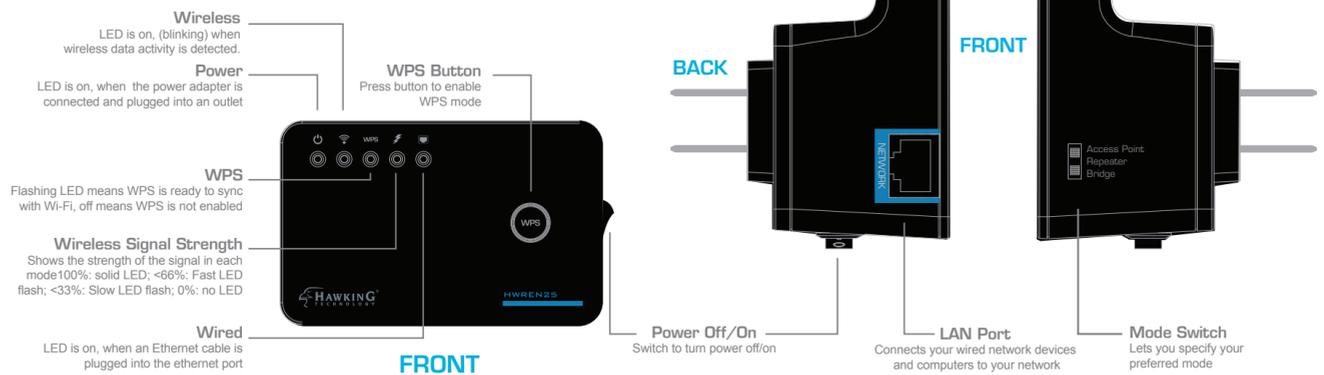
Start Here ▽ ▼

Requirements for your Home/Office

• Wired or Wireless Internet Connection
• A Wired or Wireless Network Device
  (Tablet, Smartphone, Mac or Windows Computer
• Power Outlet

Package Contents

• 1 x Hi-Gain™ Wireless-300N Wall Plug
  Multi-Function Extender
• 1 x CD (Product Information)
• 1 x Quick Installation Guide

Product Description

Wireless LED is on, (blinking) when wireless data activity is detected.
Power LED is on, when the power adapter is connected and plugged into an outlet
WPS Button Press button to enable WPS mode
WPS Flashing LED means WPS is ready to sync with Wi-Fi, off means WPS is not enabled
Wireless Signal Strength Shows the strength of the signal in each mode100%: solid LED; <66%: Fast LED flash; <33%: Slow LED flash; 0%: no LED
Wired LED is on, when an Ethernet cable is plugged into the ethernet port

FRONT

BACK   **FRONT**

Access Point
Repeater
Bridge

Power Off/On Switch to turn power off/on
LAN Port Connects your wired network devices and computers to your network
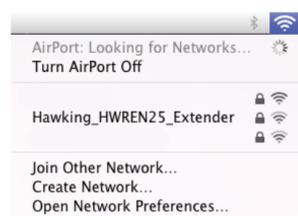**Mode Switch** Lets you specify your preferred mode

REPEATER (RANGE EXTENDER) MODE

In this mode, the HWREN25 repeats the wireless signal of an existing wireless router/access point.   It relays your wireless signal and seamlessly integrates into your wireless network to provide more coverage. **Click the Mode Switch on the top of the device to "Repeater", plug it into an A/C power outlet and turn it on.**

Choose Your Device

Using a Mac Computer
Click on the Wi-Fi icon in the "Apple" toolbar. Click on the "Hawking_HWREN25_Extender" network from the drop-down menu.

AirPort: Looking for Networks...
Turn AirPort Off

Hawking_HWREN25_Extender

Join Other Network...
Create Network...
Open Network Preferences...

Using a Windows Computer

On the lower right corner, go to your wireless network select "Hawking_HWREN25_Extender"

Currently connected to:
Hawking_HWREN25_Extender
No Internet access

Wireless Network Connection
Hawking_HWREN25_Extend... Connected

Open Network and Sharing Center

10:24 AM

Using an iPad® or an iPhone®

Go to your wireless setting, select "Hawking_HWREN25_Extender" Network.

Make sure JavaScript is ON. To check your settings, go to Settings > Select Safari > then scroll down to view Javascript.
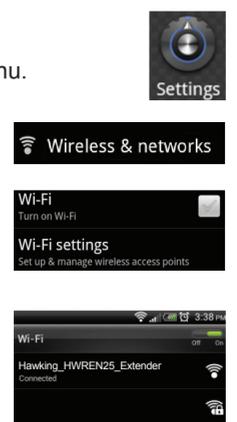
Verizon 3G   4:39 PM
Settings
Airplane Mode   OFF
Wi-Fi   Hawking_HWREN25_Ext... >
Notifications   On >

Verizon   2:27 PM
Settings   **Safari**
General
Search Engine   Google >
AutoFill   Off >
Security
Fraud Warning   OFF
Warn when visiting fraudulent websites.
JavaScript   ON
Block Pop-ups   ON
Accept Cookies   From visited >

Using an Android® device

On your mobile device, locate the "settings" menu.

Settings

Select "Wireless & Networks".

Wireless & networks

Click "Turn on Wi-Fi" and then click on the "Wi-Fi Settings" option.

Wi-Fi
Turn on Wi-Fi
Wi-Fi settings
Set up & manage wireless access points

Look for "Hawking_ HWREN25_Extender". Select it to connect. Then, continue to Step 2.

3:38 PM
Wi-Fi
Hawking_HWREN25_Extender
Connected

Step 1

Using the same device, open a web browser and type in the following web address in the web address bar:

http://192.168.1.240

http://192.168.1.240/

Once the page loads, enter the following login information:

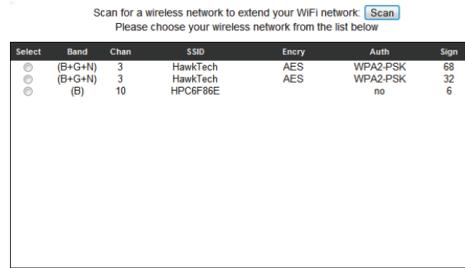Login: **admin**
Password: **1234**
Click **Login** to continue.

If the page doesn't load, please check if JavaScript is enabled.

Windows Security
The server 192.168.1.240 at Default:admin/1234 requires a username and password.
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).
User name
Password
☐ Remember my credentials
OK   Cancel

Step 2

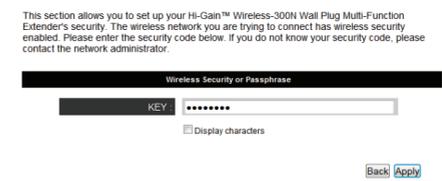Click 'Scan' to find your wireless Internet connection. Select a network you would like to extend and click 'Connect'.
If the signal strength is low or your network does not appear, you may need to adjust the location of your HWREN25. Click 'Scan' to try again.

Scan for a wireless network to extend your WiFi network: Scan
Please choose your wireless network from the list below

Select	Band	Chan	SSID	Encry	Auth	Sign
○	(B+G+N)	3	HawkTech	AES	WPA2-PSK	68
○	(B+G+N)	3	HawkTech	AES	WPA2-PSK	32
○	(B)	10	HPC6F86E		no	6

-OR- If you want to manually input your SSID:

Source AP ID: Enter the SSID and channel of your original access point:

SSID: HawkTech   Ch: 3

The Quick Setup will now prompt you to enter a security key only if the network you are connecting to is encrypted. Enter the key and click 'Apply'.

Welcome to the Setup Wizard

This section allows you to set up your Hi-Gain™ Wireless-300N Wall Plug Multi-Function Extender's security. The wireless network you are trying to connect has wireless security enabled. Please enter the security code below. If you do not know your security code, please contact the network administrator.

Wireless Security or Passphrase
KEY ●●●●●●●●
☐ Display characters
Back Apply

Note: If there is no security on the original network, this step will automatically be skipped.

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

Step 3

The setup of your HWREN25 is now complete.   A summary page will appear with all your settings. If anything is incorrect, click 'back' to re-enter your settings. Click 'Finish' to complete your setup. The HWREN25 will automatically reboot and start repeating your wireless network.

After the reboot, the HWREN25 will join the original network. It will have the same network name as the original wireless network, unless it was renamed otherwise during the set up process. If you wish to modify this name, please refer to the user manual.

It is important that you place the HWREN25 where it still can receive signal from the original wireless source. In most cases, place it between the original wireless source and your desired location.

Make sure the Extender is placed in a location where it can receive a strong signal from your desired wireless Internet connection. The Extender will not work without a signal it can repeat.

✔ Place the HWREN25 **within** the range of your wireless source.

⊘ DO NOT place the HWREN25 **outside** the range of your wireless source.
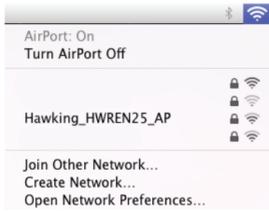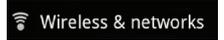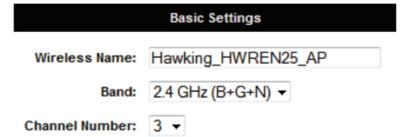
HWREN25- QIG 2012.09.20

ACCESS POINT MODE

In the Access Point Mode, The HWREN25 broadcasts Wi-Fi Signal from a wired network (i.e. a wired router) and allows your Wi-Fi enabled devices to connect wirelessly to your network. Note: The HWREN25 must be plugged into the router or network after setup. **Click the "Mode Switch" on the top of the device to "Access Point", plug it into an A/C power outlet and turn it on.**

For Mac Users

Click on the Wi-Fi icon in the "Apple" toolbar. Click on the "Hawking_HWREN25_AP" network from the drop-down menu. .

For Windows Users

On the lower right corner, go to your wireless network select. Click on "Hawking_HWREN25_AP".

Using an iPad® or an iPhone®

Go to your wireless setting, select "Hawking_HWREN25_AP" Network.

Make sure JavaScript is ON. To check your settings, go to Settings > Select Safari > then scroll down to view Javascript.

Using an Android® device

On your mobile device, locate the "settings" menu.

Select "Wireless & Networks".

Click "Turn on Wi-Fi" and then click on the "Wi-Fi Settings" option.

Look for "Hawking_HWREN25_AP". Select it to connect.

Step 1

Using the same device, open a web browser and type in the following web address in the web address bar: **http://192.168.1.241**

Once the page loads, enter the following login information:
Login: **admin**
Password: **1234**
Click **Login** to continue.

If the page doesn't load, please check JavaScript is enabled.

Step 2

The Main ESSID will be the wireless name of your network. The default wireless broadcast name: Hawking_HWREN25_AP

Click "Next".

If you wish to modify this name, please refer to the user's manual.
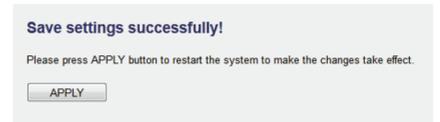
Step 3

Hawking recommends you choose a security setting to secure your network from unauthorized users. In the drop down box, please select "WPA (pre-shared key)". In the pre-shared key field, please type in a password of your choice consisting of at least 8 characters. If you wish to not use security or use a different type of security you can choose your selection from the drop down menu. Click "Apply".

Step 4

The HWREN25 will ask you if you wish to apply these settings. Click "Apply".

Congratulations! You have set up the HWREN25 as an Access Point.
Please connect the HWREN25 to your network using a network cable in the port labeld "Network" on the bottom of the unit.
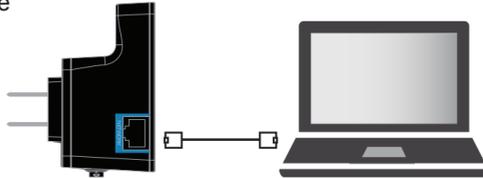
BRIDGE MODE

In this mode, the HWREN25 allows you to connect wired devices to an existing wireless router or access point. Note: Using this mode, the HWREN25 does not broadcast any Wi-Fi signal. It can only link directly to the wireless source. **Click the "Mode Switch" on the top of the device to "Bridge", plug it into an A/C power outlet and turn it on.**

Step 1

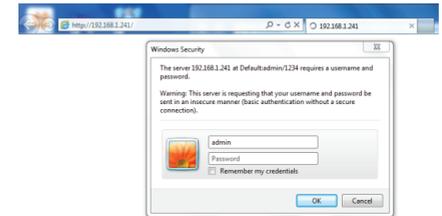Using an Ethernet cable, connect your computer to the wired LAN port located on the back of the Extender.

Step 2

Using the same device, open a web browser and type in the following web address in the web address bar: **http://192.168.1.241**

Once the page loads, enter the following login information:

Login: **admin**
Password: **1234**
Click **Login** to continue.

Step 3

Click "Select Site Survey". A new window will pop up. Select your network, click "Done".

Step 4

The Quick Setup will now prompt you to enter a security key only if the network you are connecting to is encrypted. Enter the key and click 'Apply'.

NOTE
1. If there is no security on the original network, this step will automatically be skipped.

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

Please review your settings. If you wish to edit your selections, click 'Back'. When you are ready, click 'apply' to complete the installation. The HWREN25 will automatically reboot and start bridging your wireless network.

Congratulations! You have set up the HWREN25 as a Wireless Bridge.

NOTE
If you are having trouble accessing your device, please verify that your network device is connected via Ethernet cable to the HWREN25.

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