



This Quick Installation Guide provides the quick and easy way to set up the HD45B in Access Point or Bridge modes. If you need to use the other modes, please refer to the manual located on the CD.

Start Here ▼▼

1 Hardware Setup

A. Attach the Antennas

Locate the 3 antennas from your packaging and attach them to the Hi-Gain Dual Band Wireless N Access/Point.

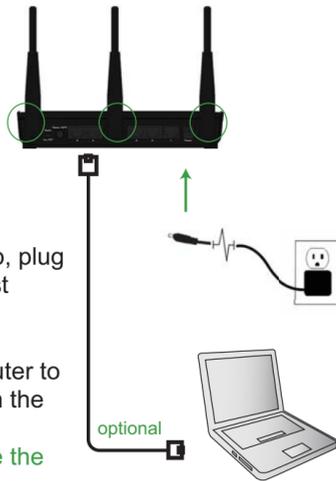
B. Plug in the Power Adapter

When you have completed the antenna setup, plug in the included power adapter into the nearest power outlet.

C. (Optional)

Using an ethernet cable, connect your computer to any one of the 5 Wired LAN Ports located on the back of the router. Proceed to step 3.

Only do this step if you are going to configure the HD45B using a wired connection.



Package Contents

- 1x Dual-Band Wireless-N Access Point/Bridge
- 1x 12V/1.25A Power Adapter
- 3x 3dBi Dual Band Dipole Antennas
- 1x Setup CD-ROM
- 1x Quick Installation Guide (QIG)
- 1x Ethernet Cable

LED Description

Power

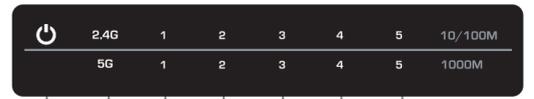
LED is on, when the power adapter is connected and plugged into an outlet

Wireless Connection

LED is on when Wireless Connection is established. 2.4G corresponds to 2.4GHz frequency, while 5G row is 5.0 GHz. LED blinks when wireless data activity is detected.

Wired Connection

LED is on when a device is plugged-in and connected to an associated LAN port. Blinks when data activity is detected. Top Row corresponds to 10/100M connections, while bottom is for 1000M (Gigabit) connections



Back Panel Description

Antennas

Three 3dBi Omni-Directional Dual-Band Antennas (Upgradable)

Radio On/Off Switch

Turns the wireless functions on/off

Reset Button / WPS

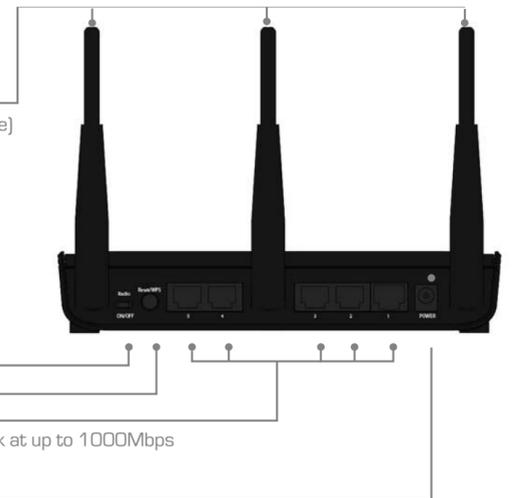
Reset to manufacturer settings - press for a minimum of 15 seconds, unplug the power for a few second then plug it back in
WPS (WiFi Protected Setup) - hold and release

Port 1-5 (LAN Ports)

Connects wired computers or network devices to the network at up to 1000Mbps

Power

12V / 1.25A Power Adapter Plug



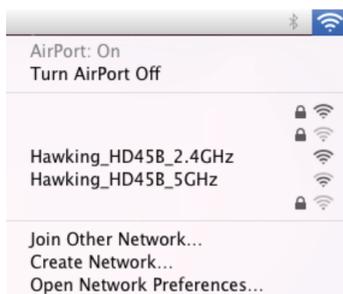
2 Configuring the HD45B Access Point/Bridge using a WiFi Enabled Device

Using WiFi enabled device, access the HD45B setup page by searching for the **Hawking_HD45B_2.4GHz** or **5GHz**. The HD45B transmits both 2.4GHz and 5GHz signal frequencies. Connecting to either frequency will bring you to the same setup page.

Note: If your device does not support 5GHz frequency, the Hawking_HD45B_5GHz network will not be displayed, however you can still complete your setup using the Wireless 2.4GHz frequency or Wired Connection. For Wired Connection, please do Step 1c, then go straight to Step 3.

For Mac Users

Click on the Wi-Fi icon in the "Apple" toolbar. Click on the "Hawking_HD45B_2.4GHz" or "Hawking_HD45B_5GHz." network from the drop-down menu. Then Continue to Step 3.



For Windows Users

On the lower right corner, go to your wireless network select. Click on "Hawking_HD45B_2.4GHz" or "Hawking_HD45B_5GHz." Then Continue on to Step 3.



Using an iPad® or an iPhone®

Go to your wireless setting, select "Hawking_HD45B_2.4GH" Network. Then, go to Step 3.



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

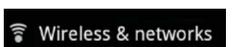


Using an Android device

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_HD45B_2.4GHz". Select it to connect.



3 Login into the HD45B Access Point / Bridge

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:

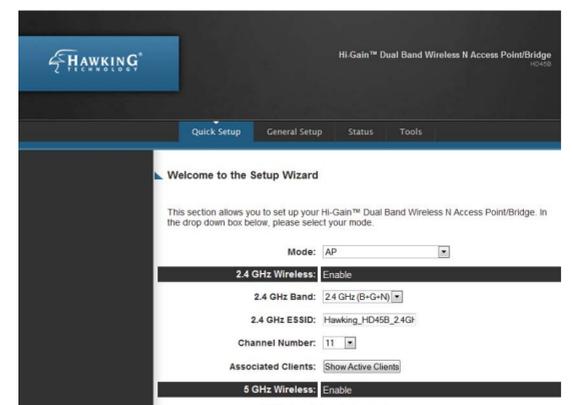
Login: **admin**
Password: **1234**
Click **Login** to continue.



If the page doesn't load, please check if JavaScript is enabled. Generally, this should be enabled by default. However, if it's not, please go into your Browser Settings and enable JavaScript.

4 Choosing your Mode

In the drop down box, please select your mode of operation for the HD45B. This quick installation guide will outline the basic Access Point and Station Infrastructure (Bridge) modes. For other modes and features, please refer to the manual on your CD.



5 Configuring Access Point mode or Station-Infrastructure (Bridge) mode

ACCESS POINT MODE

(In the Access Point Mode, the HD45B broadcasts WiFi Signal from a wired Network (i.e. a wired Router) and allows your WiFi enabled devices to connect wirelessly to your Network. Note: The HD45B must be plugged into the router or network after setup.)

A. In the drop down menu, choose "AP" (Access Point). The Main ESSID will be the wireless name of your network. The HD45B transmits in both 2.4GHz and 5GHz. The default wireless broadcast names:

2.4GHz: **Hawking_HD45B_2.4GHz**
5GHz: **Hawking_HD45B_5GHz**.

Then, Click "Next".

Mode: AP

2.4 GHz Wireless: Enable

2.4 GHz Band: 2.4 GHz (B+G+N)

2.4 GHz ESSID: Hawking_HD45B_2.4G

Channel Number: 11

Associated Clients: Show Active Clients

5 GHz Wireless: Enable

5 GHz Band: 5 GHz (A+N)

5 GHz ESSID: Hawking_HD45B_5GH

Channel Number: 36

Associated Clients: Show Active Clients

Overview Access Point Mode



B. 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 at least 8 characters of your choice. 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".

2.4 GHz Wireless Security: WPA pre-shared key

WPA Unicast Cipher Suite: WPA(TKIP) WPA2(AES) WPA2 Mixed

Pre-shared Key Format: Passphrase

Pre-shared Key:

5 GHz Wireless Security: WPA pre-shared key

WPA Unicast Cipher Suite: WPA(TKIP) WPA2(AES) WPA2 Mixed

Pre-shared Key Format: Passphrase

Pre-shared Key:

Back Apply

C. The HD45B will ask you if you wish to apply these settings. Click "Apply".

Save settings successfully

Please press APPLY button to restart the system to make the changes take effect.

CONTINUE APPLY

Congratulations! You have set up the HD45B as an Access Point. Please plug the HD45B into your network via ethernet cable for the device to function properly.

STATION - INFRASTRUCTURE (BRIDGE MODE)

In this mode, the HD45B allows you to connect wired devices to an existing wireless router or access point. Note: Using this mode, the HD45B does not broadcast any WiFi signal. It can only link directly to the wireless source (see the overview diagram below).

A. In the drop down menu, choose "Station-Infrastructure"

Mode: Station-Infrastructure

Wireless: Enable

Wireless SSID:

Site Survey: Select Site Survey

Click on "Select Site Survey" A new window will pop up. Select your network, click "Done". 2.4GHz networks will appear in blue while 5GHz networks will appear in orange. The HD45X will only bridge to a 2.4GHz OR a 5GHz signal, not both at the same time. For the best throughput, a 5GHz network is recommended.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Band	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
<input type="radio"/>	2.4	1	Hawking_HD45B_2.4GHz	00:1E:02:00:00:26	NONE	OPEN	100%	Strong
<input type="radio"/>	2.4	3		00:0E:3B:0F:EC:98	AES	WPA2PSK	11%	Strong
<input type="radio"/>	2.4	3		00:1F:02:2B:EE:78	AES	WPA2PSK	89%	Strong
<input type="radio"/>	5	36	Hawking_HD45B_5GHz	00:1E:02:00:00:26	NONE	OPEN	100%	Strong

Refresh Connect

C. The HD45B will ask you if you wish to apply these settings. Click "Apply".

Save settings successfully

Please press APPLY button to restart the system to make the changes take effect.

CONTINUE APPLY

Congratulations! You have set up the HD45B as a Bridge.

Please plug the HD45B into the device you wish to bridge via ethernet cable.

B. If the network you are selecting has security, it will prompt you to put in a wireless security key. It will skip this step if your network has no key. (Be sure to type in the correct key! If you are unsure of what your key is, please contact your network administrator or wireless router manufacturer. Click "Apply".)

Wireless Security or Passphrase

Wireless Password:

Display characters

Back Apply

Overview Station Infrastructure (Bridge) Mode

