D-Link®

Version 2.00 |01/25/2017

User Manual

DAP-1665 AC1200 Wi-Fi Range Extender/Access Point

DAP-1665

Preface

D-Link reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes.

Manual Revisions

Revision	Date	Description
1.00	October 1, 2013	• Initial release
1.01	September 30, 2014	• Add Power Usage
1.10	April 21, 2016	• Updated FCC statement
2.00	January 11, 2017	• B1 hardware and 2.00 firmware release

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Power Usage

This device is an Energy Related Product (ErP) that automatically switches to a power-saving Network Standby mode within 1 minute of no packets being transmitted. It can also be turned off through a power switch to save energy when it is not needed.

Network Standby: 2.56 watts
Switched Off: 0.07 watts

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Product Overview
Package Contents

DAP-1665 AC1200 Wi-Fi Range Extender/Access Point

Ethernet Cable

Two Detachable Antennas

Power Adapter

If any of the above items are missing, please contact your reseller.

Note: *Using a power supply with a different voltage rating than the one included with the DAP-1665 will cause damage and void the warranty for this product.*

System Requirements

Network Requirements	• An Ethernet-based Network • IEEE 802.11ac/n/g/b/a wireless clients (AP/Repeater Mode) • IEEE 802.11ac/n/g/b/a wireless network (Client/Bridge/Repeater/ WISP Mode) • 10/100/1000 Mbps Ethernet
Web-based Configuration Utility Requirements	**Computer with the following:** • Windows®, Macintosh, or Linux-based operating system • An installed Ethernet adapter **Browser Requirements:** • Internet Explorer® 10 or higher • Firefox 28 or higher • Chrome 28 or higher • Safari 6.0 or higher **Windows® Users:** Make sure you have the latest version of Java installed. Visit www.java.com to download the latest version.

Introduction

D-Link introduces the new D-Link DAP-1665 AC1200 Wi-Fi Range Extender/Access Point. With a maximum combined wireless signal rate of up to 1200 Mbps[1], the DAP-1665 expands high-speed wireless network access for your home or office.

The DAP-1665 is compliant with the latest IEEE 802.11ac standard, which features beamforming and MU-MIMO for better wireless performance. The DAP-1665 is also backward-compatible with 802.11n/g/b/a devices so older devices can easily integrate into your network. The access point has the flexibility to operate in 7 different modes: **Access Point**, **Wi-Fi Client**, **Bridge**, **Bridge with AP**, **Repeater**, **WISP Client**, and **WISP Repeater**. Its easy-to-use setup wizard makes sure that you will be connected to a wireless network in minutes.

The DAP-1665 features Wi-Fi Protected Access (WPA-PSK/WPA2-PSK) to provide an enhanced level of security for wireless data communications. The DAP-1665 also includes convenience features to keep your wireless connection safe from unauthorized access. Finally, Wi-Fi Protected Setup (WPS) lets you easily set up your device in any mode by simply pressing a button.

[1] Maximum wireless signal rate derived from 802.11ac specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless N product from D-Link.

Features

- **Faster Wireless Networking -** Featuring Wireless AC, the DAP-1665 provides combined wireless speeds of up to 1200 Mbps[1]. This allows users to participate in real-time activities online, such as video streaming, online gaming, and real-time audio.

- **Flexible Operation Modes -** The DAP-1665 can operate as an Access Point, Repeater, Wi-Fi Client, Bridge, Bridge with AP, WISP Client, and WISP Repeater, meaning that you can customize its operation to suit your specific networking requirements.

- **Gigabit Ethernet Port** - The built-in Gigabit Ethernet port facilitates a wired connection of up to 1 Gbps, meaning that wired devices can also take advantage of the DAP-1665's high-speed wireless capabilities.

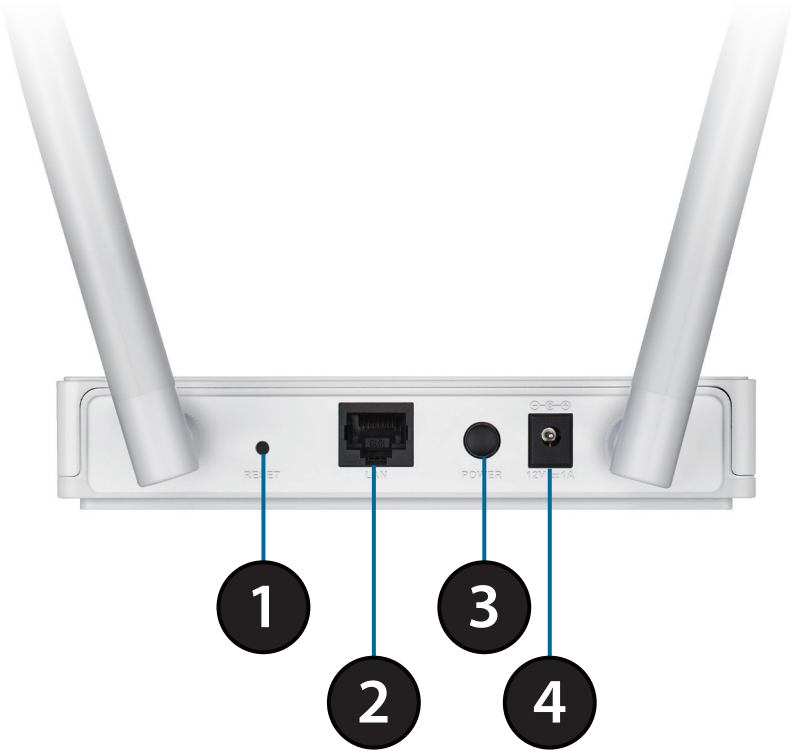
- **Compatible with IEEE 802.11ac/n/g/b/a Devices -** The DAP-1665 is still fully compatible with the 802.11n/g/b/a standards, so it can connect with existing wireless adapters found on older devices.

- **Robust Security -** Support for industry-standard WPA/WPA2 security encryption, lets you rest assured your network is protected from hackers.

- **User-friendly Setup Wizard -** Using its easy-to-use web-based user interface, the DAP-1665 lets you control what information is accessible to those on the wireless network, whether from the Internet or from your company's server. Configure your access point to your specific settings within minutes.

[1] Maximum wireless signal rate derived from 802.11ac specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless N product from D-Link.

Hardware Overview
Connections



1	**Reset Button**	Press this button to restore the access point to its original factory default settings.
2	**LAN Port**	Connect 10/100/1000 Mbps Ethernet devices such as computers, switches, and hubs.
3	**Power Switch**	Press to power the unit on or off.
4	**Power Receptor**	Receptor for the supplied power adapter.

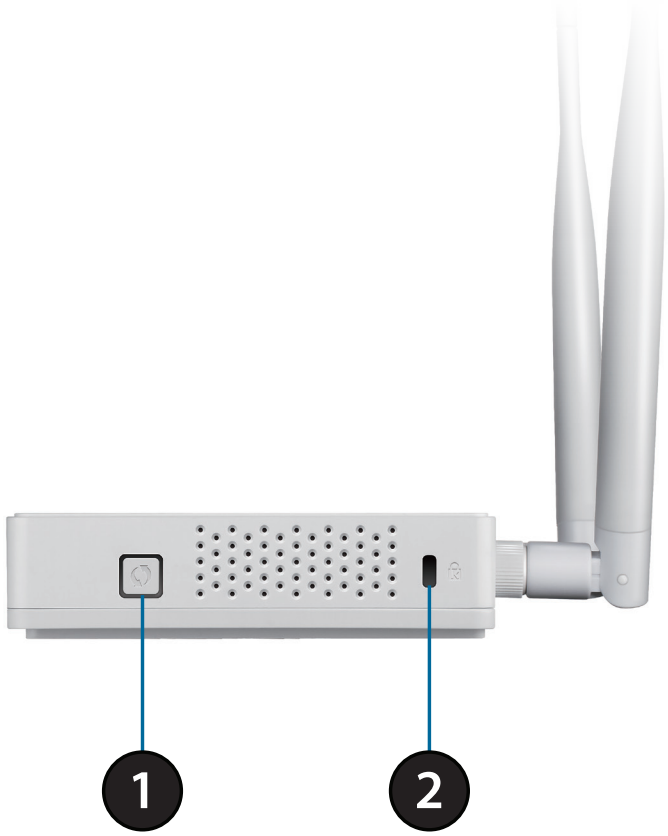
Hardware Overview

LEDs

1	**Power LED**	A solid green light indicates the device is receiving power.
2	**2.4 GHz Wireless**	A solid green light indicates that the 2.4 GHz wireless band is active.
3	**5 GHz Wireless**	A solid green light indicates that the 5 GHz wireless band is active.
4	**LAN LED**	A solid green light indicates the LAN port connection is active.

Hardware Overview

WPS Button



1	**WPS Button**	Press this button to use WPS to establish a protected connection with other wireless devices.
2	**Kensington Slot**	Attach a Kensington® lock to protect your access point against theft.

Installation

Please configure the DAP-1665 with a computer connected directly to the device. The following pages will explain the different operational modes you can use.

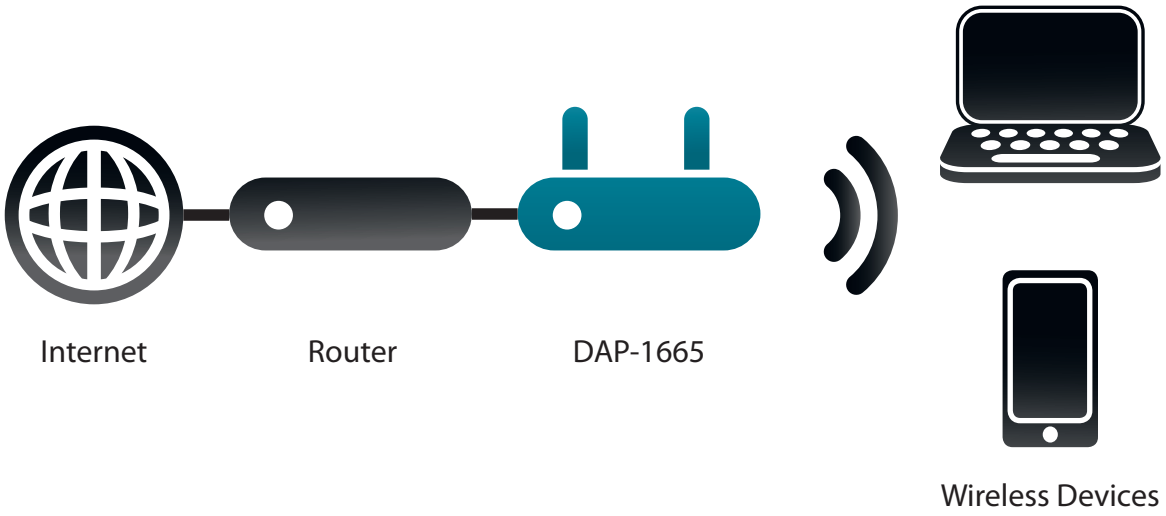
Operation Modes

The DAP-1665 features a number of operation modes, enabling you to customize it to your networking requirements. Please refer to the following sections to determine which mode is most suitable for your network.

- **Access Point Mode** on page 9
- **Wi-Fi Client Mode** on page 10
- **Repeater Mode** on page 11
- **Bridge Mode** on page 12
- **Bridge with AP Mode** on page 13
- **WISP Repeater Mode** on page 15
- **WISP Client Mode** on page 14

Access Point Mode

Access Point (AP) mode adds wireless capability to your existing wired network. The DAP-1665 acts as a central connection point for any computer (client) that has an 802.11ac or backwards compatible 802.11n/g/b/a wireless network interface and is within range of the access point. Clients must connect to the network name (SSID) broadcast by the access point in order to wirelessly access the network. If wireless security is enabled on the access point, the client will need to enter a password to connect. In Access Point mode, multiple clients can connect wirelessly to the network at the same time.

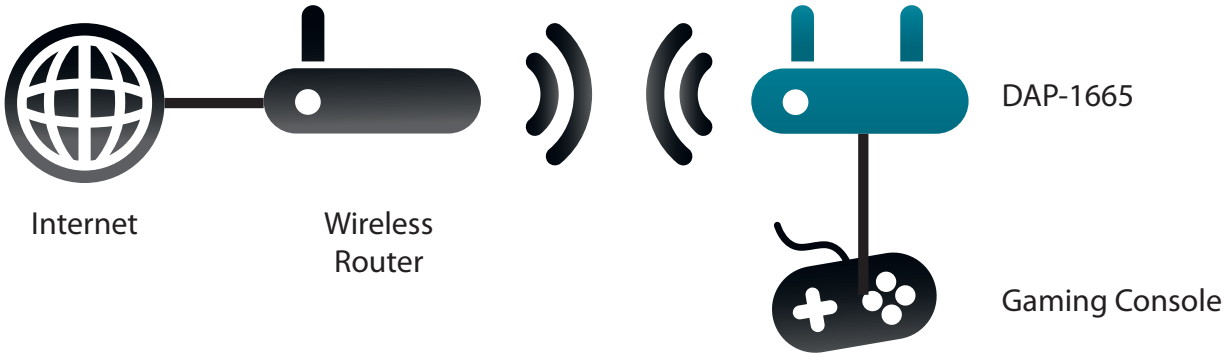


Wi-Fi Client Mode

In Wi-Fi Client mode, the DAP-1665 acts as a wireless network adapter for your Ethernet-enabled device (such as a game console or a TV set-top box). Connect your Ethernet-enabled device to the access point using an Ethernet cable, and enjoy wired speeds of up to 1000 Mbps.

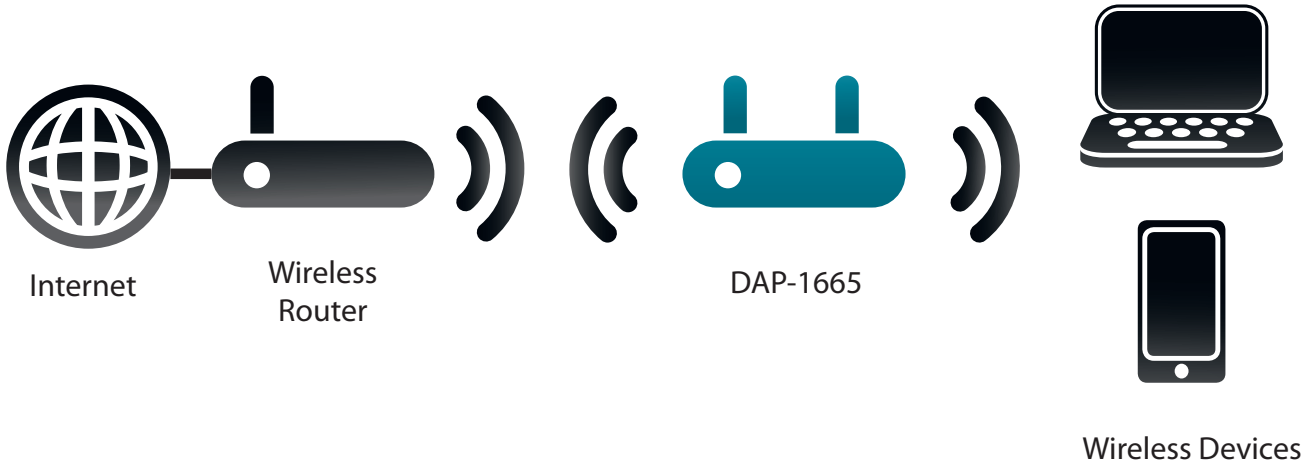
If you are going to connect several Ethernet-enabled devices to your DAP-1665, connect the LAN port of the DAP-1665 to an Ethernet switch, then connect your devices to this switch.

Example: Connect a gaming console using an Ethernet cable to the DAP-1665. The unit is set to Wi-Fi Client mode which will wirelessly connect to a wireless router on your network.



Repeater Mode

In Repeater mode, the DAP-1665 extends the range of your existing wireless network by repeating the wireless signal of another access point or wireless router. The DAP-1665 and wireless router (if used) must be within range of each other. The extended wireless network can use the same SSID and security settings as the existing network, or you can choose to specify a new network name and security method.



Bridge Mode

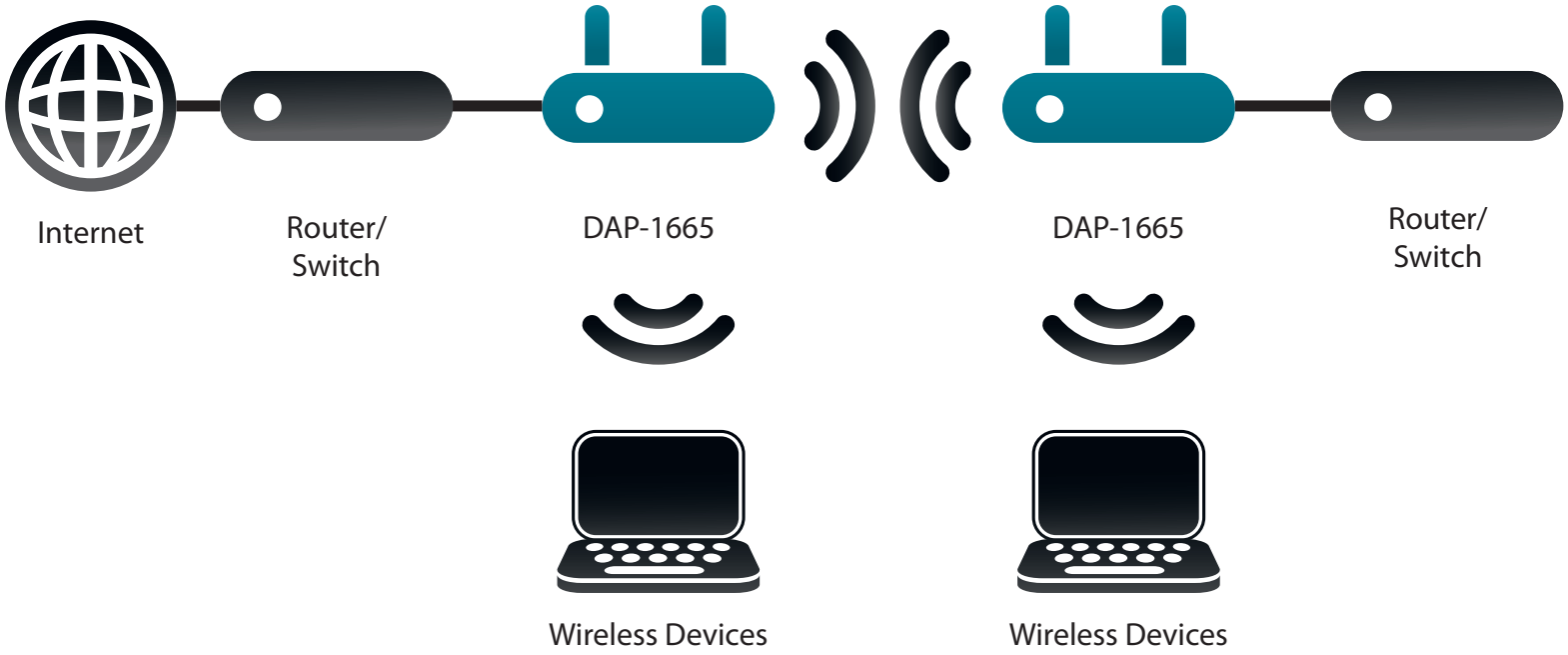
In Bridge mode, the DAP-1665 creates a wireless link between two existing networks, enabling data to be shared between the two networks without the need for a physical connection. The two networks must be within wireless reach of one another in order for bridge mode to be effective.

Note: *Bridge mode is not specified in the Wi-Fi or IEEE standards. This mode will only work using two DAP-1665 units. Compatibility with other APs (even other D-Link APs) is not guaranteed.*

Bridge with AP Mode

Bridge with AP mode has the same features of Bridge mode, but adds the functionality of Access Point mode, meaning that wireless clients can connect to one of the DAP-1665s and have access to both networks via the wireless bridge.

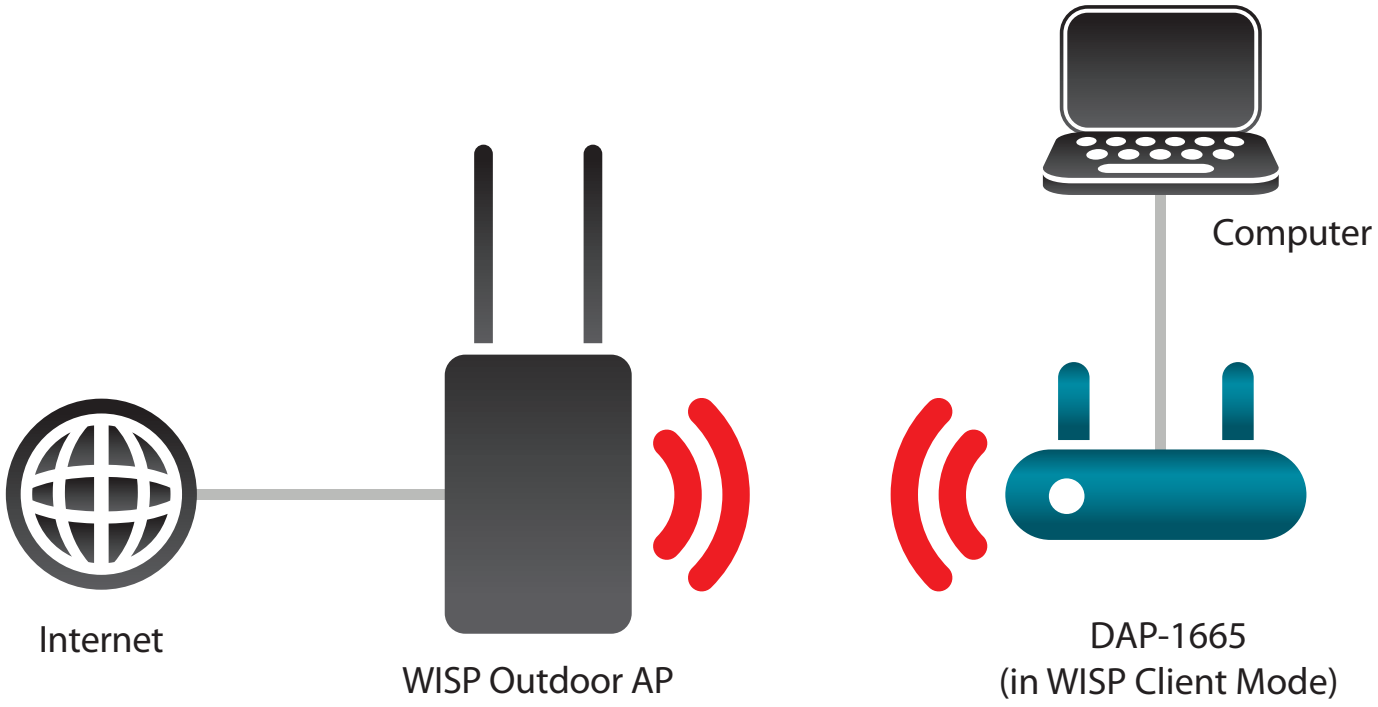
Note: *The Bridge with AP mode is not specified in the Wi-Fi or IEEE standards. This mode will only work using two DAP-1665 units. Compatibility with other APs (even other D-Link APs) is not guaranteed.*



WISP Client Mode

In the WISP Client mode, the DAP-1665 wirelessly connects to a WISP (Wireless Internet Service Provider) AP. In this mode, the DAP-1665 also acts as a router for wired clients on your LAN and provides NAT (Network Address Translation) and a DHCP server to generate IP addresses for wired clients only. NAT and the DHCP server allow many computers to share the same wireless Internet connection.

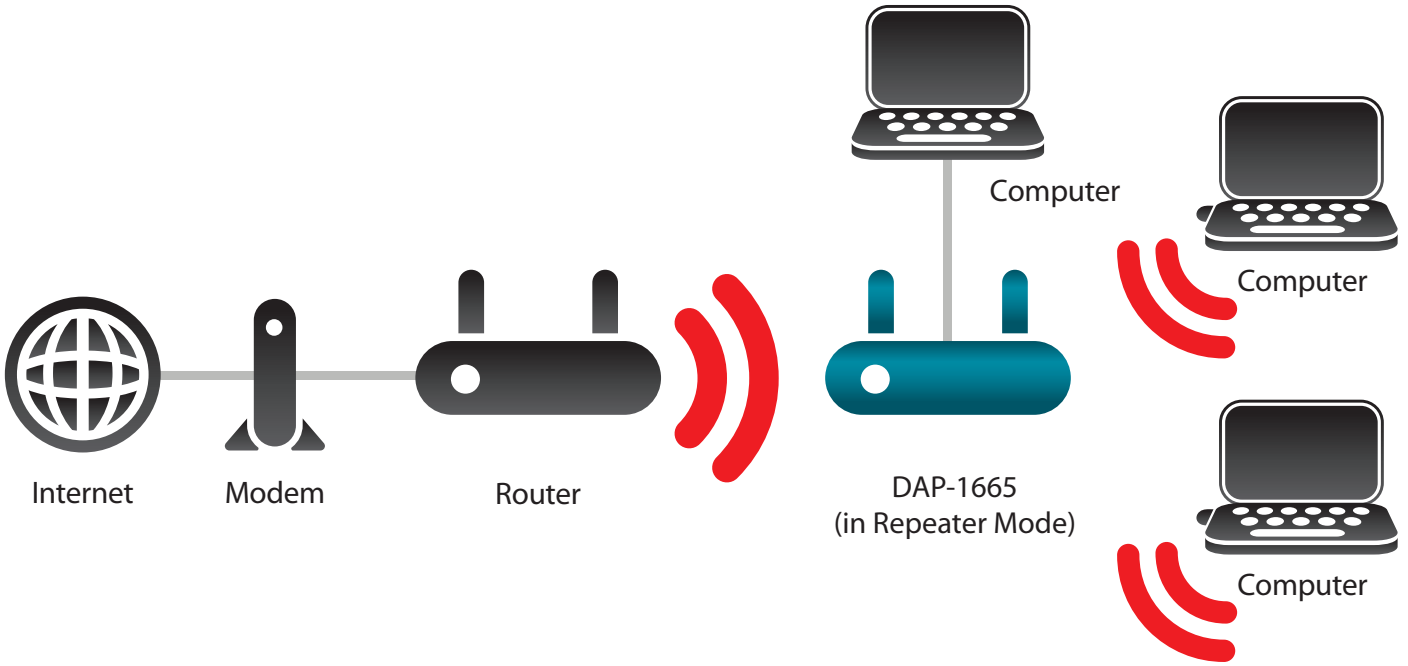
If you are a WISP subscriber and want to access your WISP account using wired computers, connect your computers to the DAP-1665 to get NAT, and then connect them to the WISP AP.



WISP Repeater Mode

In the WISP Repeater mode, the DAP-1665 wirelessly connects to a WISP (Wireless Internet Service Provider) AP. In this mode, the DAP-1665 also acts as a router for both wireless and wired clients on your LAN. The WISP Repeater mode provides NAT (Network Address Translation) and a DHCP server to generate IP addresses for both wireless and wired clients. NAT and the DHCP server allow many computers to share the same wireless Internet connection.

If you are a WISP subscriber and want to use your WISP account in your house, but the signals from the outdoor WISP AP are not strong enough to reach all of the areas in the house, use the DAP-1665 to extend the signals from the outdoor WISP AP and provide access to wireless clients in your house. Using this mode, wireless as well as wired clients can connect to the outdoor WISP AP through the DAP-1665.



Wireless Installation Considerations

The DAP-1665 lets you access your network using a wireless connection from virtually anywhere within the operating range of the device. Keep in mind, however, that the number, thickness and location of walls, ceilings, or other objects that the wireless signals must pass through, may limit the range. Typical ranges vary depending on the types of materials and background RF (radio frequency) noise in your home or business. The key to maximizing wireless range is to follow these basic guidelines:

1. Keep the number of walls and ceilings between the D-Link access point and other network devices to a minimum. Each wall or ceiling can reduce your adapter's range from 3-90 feet (1-30 meters.) Position your devices so that the number of walls or ceilings is minimized.

2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle it appears over 42 feet (14 meters) thick! Position devices so that the signal will travel straight through a wall or ceiling (instead of at an angle) for better reception.

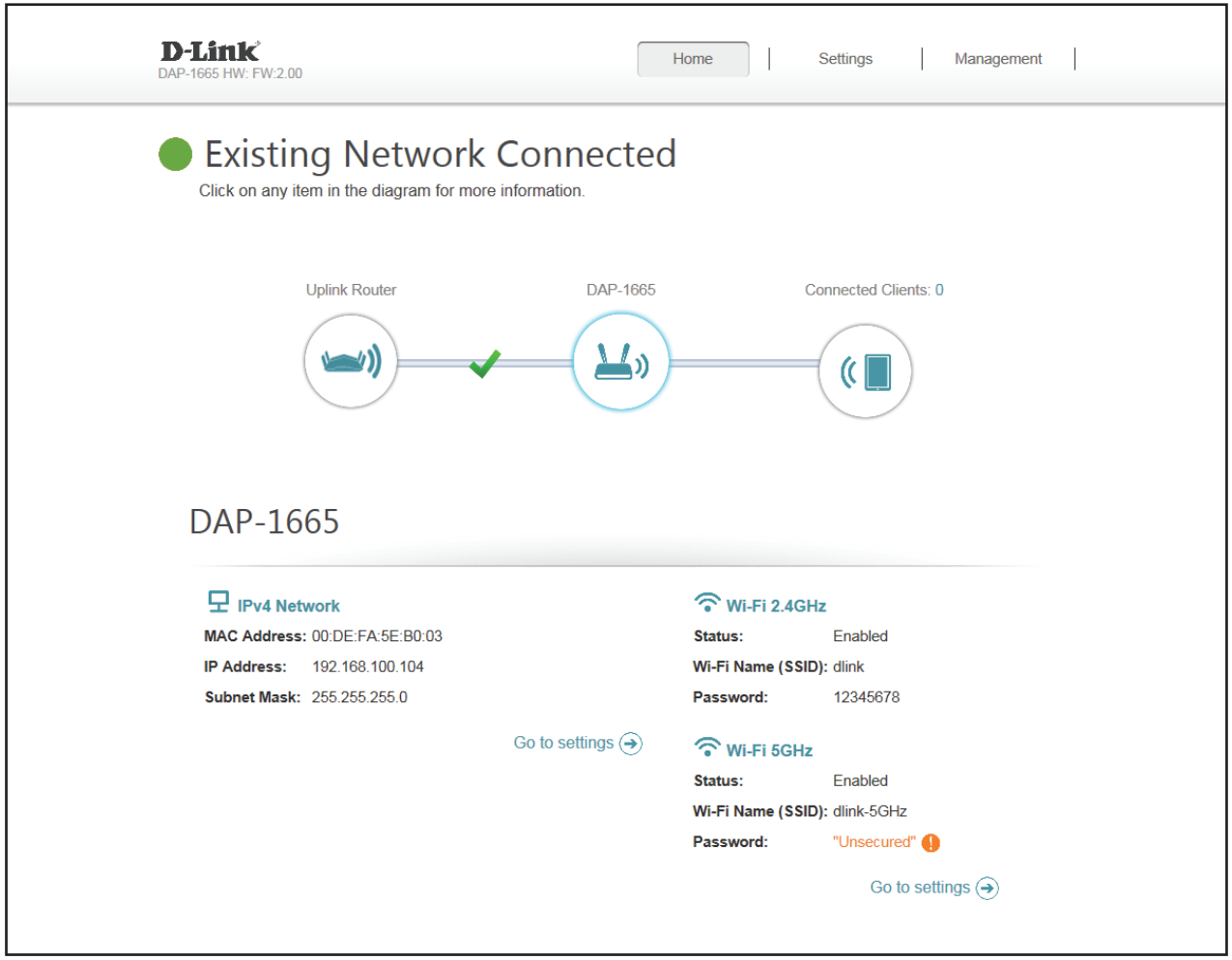
3. Building materials make a difference. A solid metal door or aluminum studs may have a negative effect on range. Try to position access points, wireless routers, and computers so that the signal passes through drywall or open doorways. Materials and objects such as glass, steel, metal, walls with insulation, water (fish tanks), mirrors, file cabinets, brick, and concrete will degrade your wireless signal.

4. Keep your product away (at least 3-6 feet or 1-2 meters) from electrical devices or appliances that generate RF noise.

5. If you are using 2.4 GHz cordless phones or X-10 (wireless products such as ceiling fans, lights, and home security systems), your wireless connection may also be affected. Make sure your 2.4 GHz phone base is as far away from your wireless devices as possible. The base transmits a signal even if the phone is not in use.

Configuration

This section will show you how to configure your D-Link wireless access point using the web-based configuration utility.

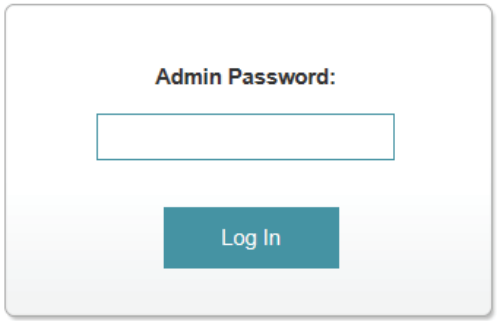


Web-based Setup

If you wish to change the default settings or adjust the configuration of the DAP-1665, you may use the web-based configuration utility.

To access the configuration utility, open a web browser such as Internet Explorer and enter **http://dlinkap** in the address field.

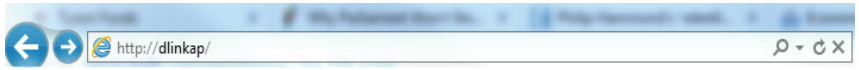
If you have already run the setup wizard, enter your password in the box. Otherwise, leave the password blank and click **Log In.**



If you get a *Page Cannot be Displayed* error, please refer to **Troubleshooting** on page 84 for assistance.

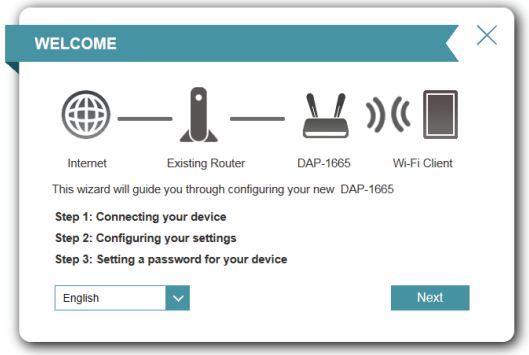
Setup Wizard

If this is the first time you are setting up your DAP-1665, open a web browser such as Internet Explorer and enter **http://dlinkap** in the address field to access the setup wizard.

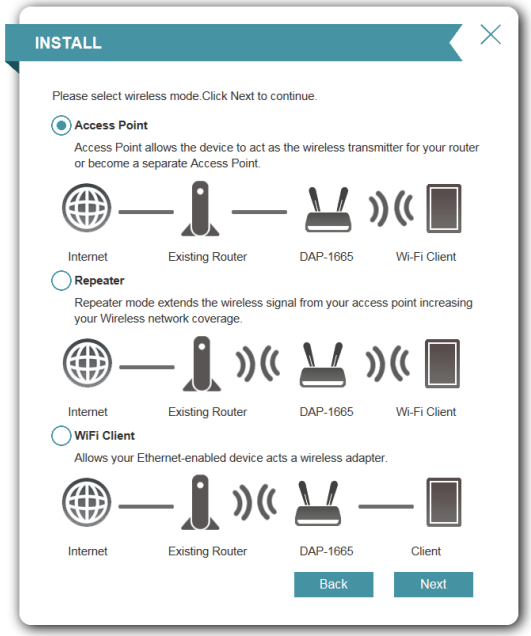


Select a language from the drop-down menu and click **Next** to proceed with the wizard.

If you want to configure the access point manually without running the wizard, skip to **Extender** on page 33.



The next screen will display a list of modes for your DAP-1665 that you may choose from. Click **Next** to continue.

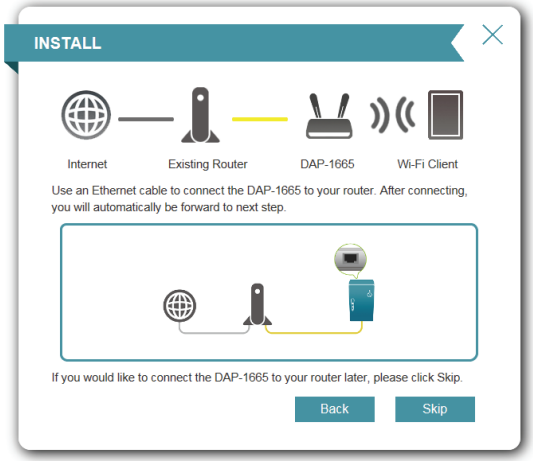


Access Point Mode

This wizard is designed to assist you in configuring your DAP-1665 as a wireless access point for your existing network.

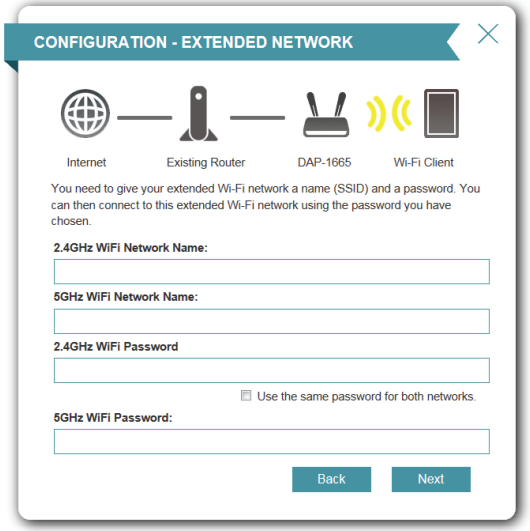
If you have already connected an Ethernet cable from your DAP-1665 to your router, the wizard will automatically detect it.

Click **Skip** to continue or **Back** to go back to the previous step.



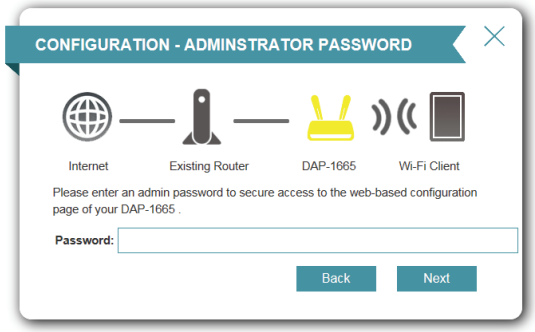
This screen will help you to set a network name (SSID) and security password for your wireless network. Specify an SSID for both the 2.4 GHz and 5 GHz bands (these names must not be the same). If you wish to use the same wireless security password for both networks, check the box next to "Use the same password for both networks" and enter your desired password in the field provided. If you wish to use a different password for each network, uncheck the box and enter the desired passwords in the **2.4 GHz Wi-Fi Password** and **5 GHz Wi-Fi Password** fields.

Click **Next** to continue or **Back** to go back to the previous step.



Next, enter a password for your administrator account. This account is used to log into the DAP-1665 for managing your network.

Click **Next** to proceed.

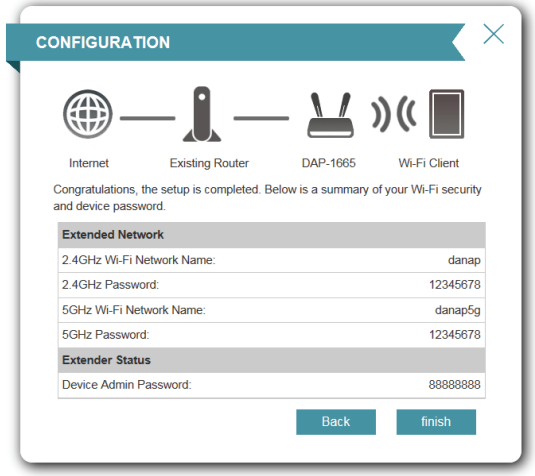


A summary page will be displayed, showing the current settings for your 2.4 GHz and 5 GHz wireless networks. It is recommended that you make a note of this information for future reference.

Click **Finish** to save your network settings.

In order for your network settings to take effect, the DAP-1665 will reboot automatically.

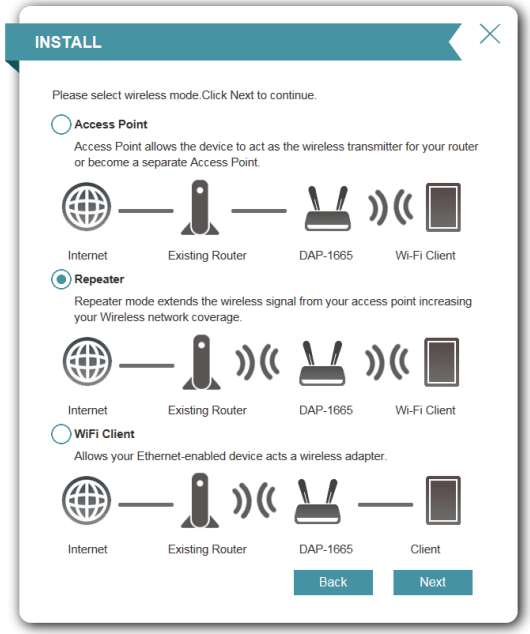
When the device has finished rebooting the main screen will display.



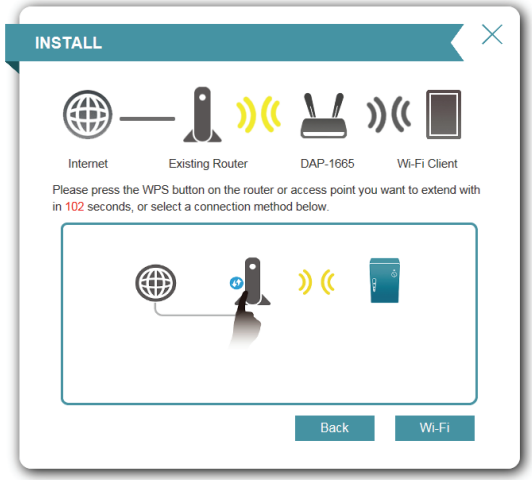
Repeater Mode

This wizard is designed to assist you in configuring your DAP-1665 as a repeater to extend the range of your existing wireless network.

Select **Repeater** from the menu and click **Next.**



Press the WPS Push Button on your existing wireless router with 120 seconds to complete the WPS setup process. A **Retry** button will appear at the lower left if the time expired before you can press the button.

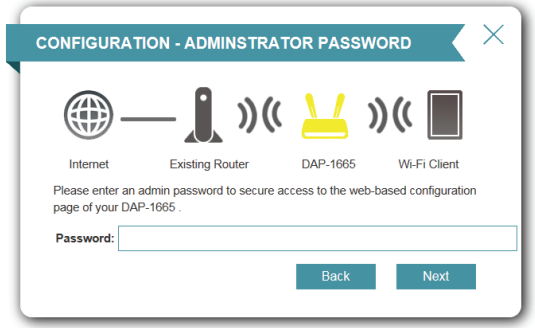


If your router does not support WPS, proceed to page 27.

If a connection has been successfully made, click **Next** on the following screen to complete the setup process.

Next, enter a password for your administrator account. This account is used to log into the DAP-1665 for managing your network.

Click **Next** to proceed.

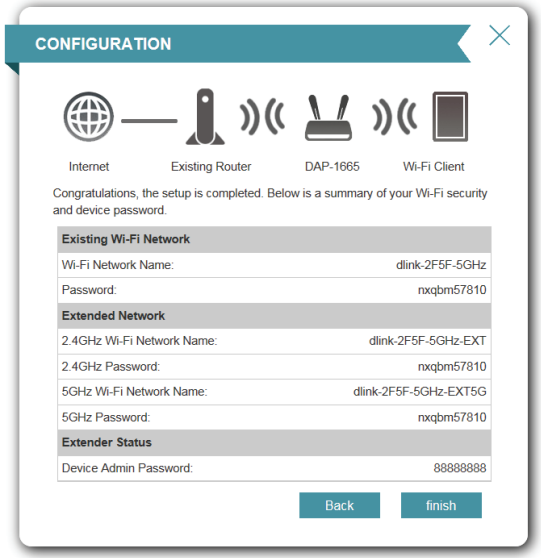


A summary page will be displayed, showing the current settings for your 2.4 GHz and 5 GHz wireless networks. It is recommended that you make a note of this information for future reference.

Click **Finish** to save your network settings.

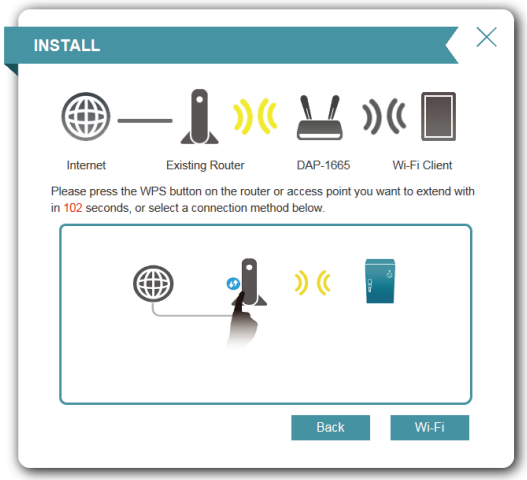
In order for your network settings to take effect, the DAP-1665 will reboot automatically.

When the device has finished rebooting the login page will display.



If your router does not support WPS:

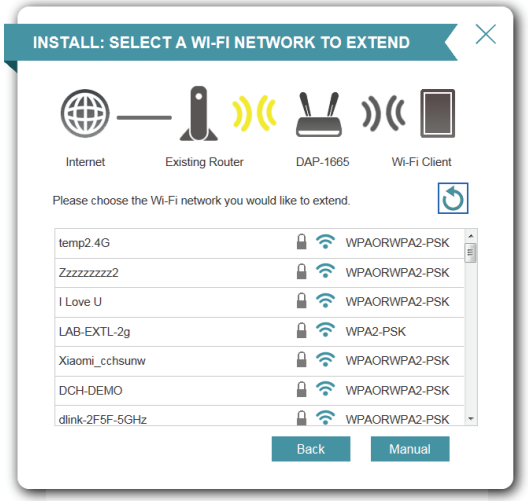
Select **Wi-Fi** to set up your network manually.



The wizard will then scan for available wireless networks within range of the DAP-1665. Click on the SSID of the router or access point you wish to extend.

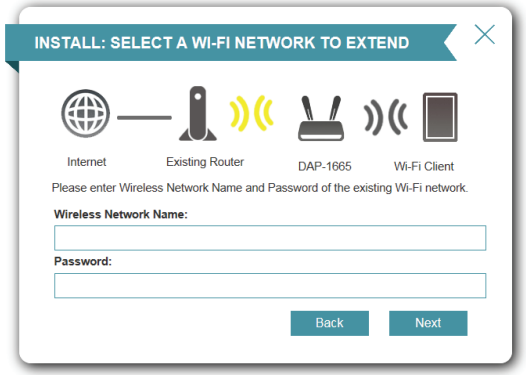
If you do not see your network in the list, click to search again.

If you still do not see your network, type in the SSID of your network manually, by clicking **Manual.**



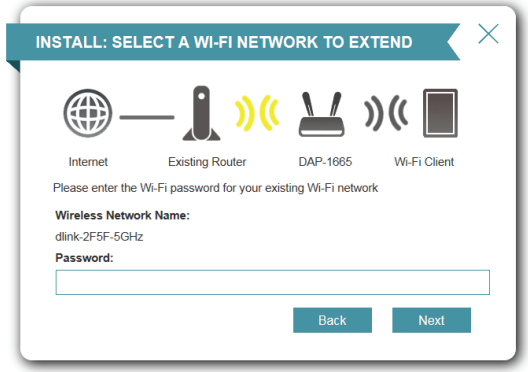
If you clicked **Manual** on the previous page, type in the SSID of the network you wish to extend.

Click **Next** to continue.



If the existing wireless network uses wireless security, enter the Wi-Fi password in the field provided.

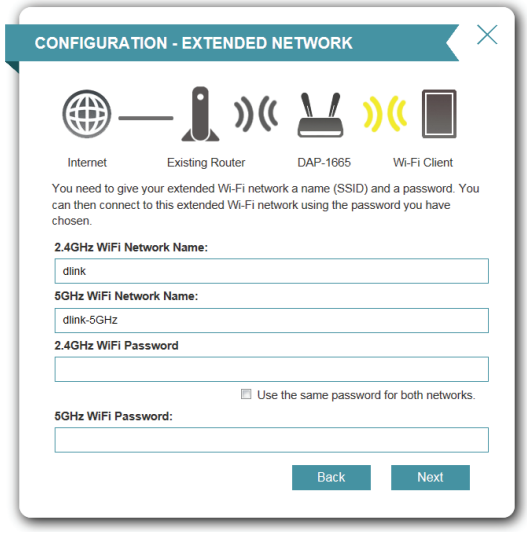
Click **Next** to continue.



By default, the **Wireless Network Name (SSID)** field will display the same network name as the source network. If you wish to specify a different name for the extended network, enter it in the field provided. If you wish to use the same password for both 2.4 and 5 GHz networks, check the box below.

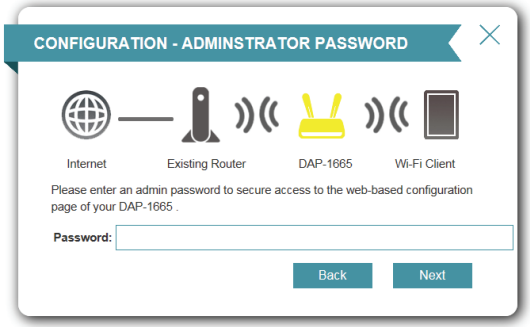
The security password will be the same as that of the source network, regardless of whether the network name is the same or not.

Click **Next** to continue.



Next, enter a password for your administrator account. This account is used to log into the DAP-1665 for managing your network.

Click **Next** to proceed.

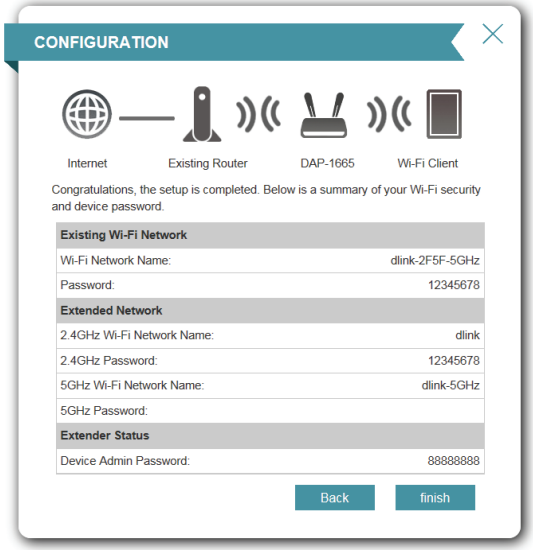


A summary page will be displayed showing the network name and Wi-Fi password for the extended network. It is recommended that you make a record of this information for future reference.

Click **Finish** to save the configuration.

In order for your network settings to take effect, the DAP-1665 will reboot automatically.

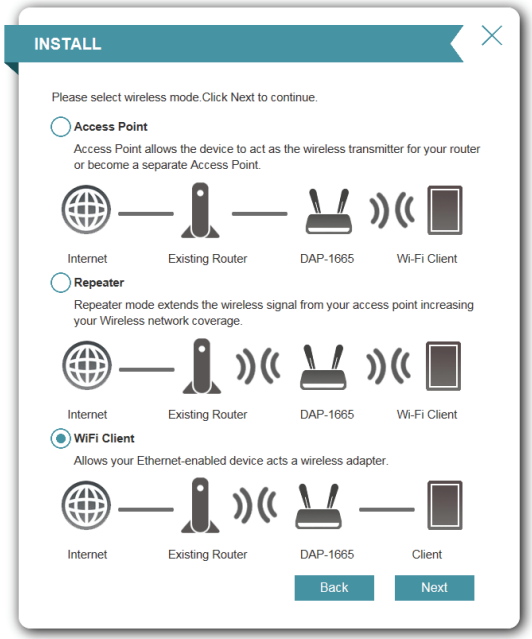
When the device has finished rebooting the login page will display.



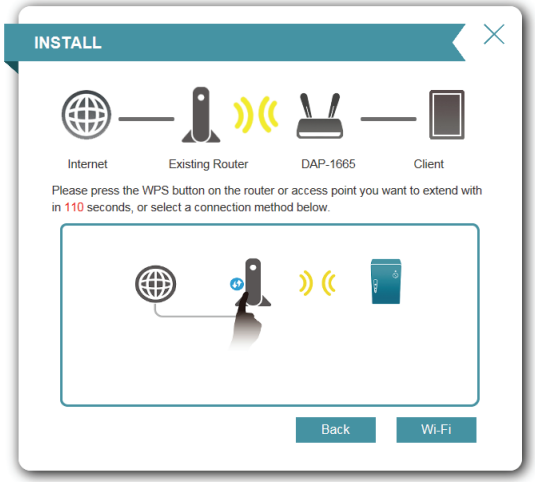
Wi-Fi Client Mode

This wizard is designed to assist you in configuring your DAP-1665 as a wireless client.

Select **WiFi Client** from the menu and click **Next**.



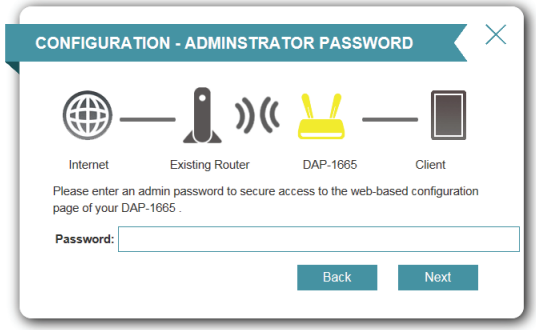
Press the WPS Push Button on your existing wireless router with 120 seconds to complete the WPS setup process. A **Retry** button will appear at the lower left if the time expired before you can press the button.



If your router does not support WPS, proceed to page 30.

Next, enter a password for your administrator account. This account is used to log into the DAP-1665 for managing your network.

Click **Next** to proceed.

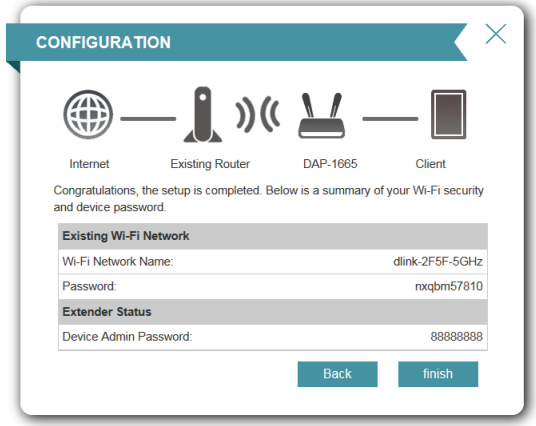


A summary page will be displayed showing the network name and Wi-Fi password for the extended network. It is recommended that you make a record of this information for future reference.

Click **Finish** to save the configuration.

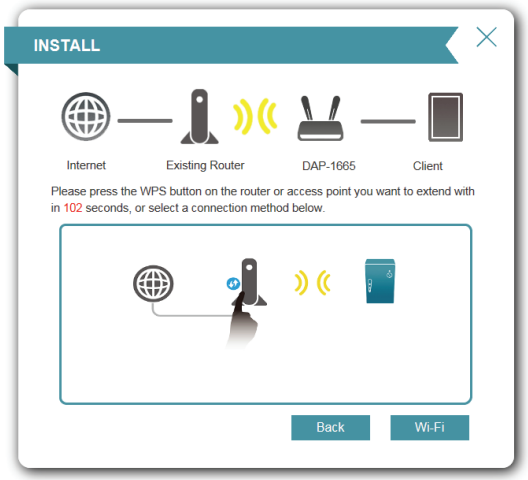
In order for your network settings to take effect, the DAP-1665 will reboot automatically.

When the device has finished rebooting the login page will display.



If your router does not support WPS:

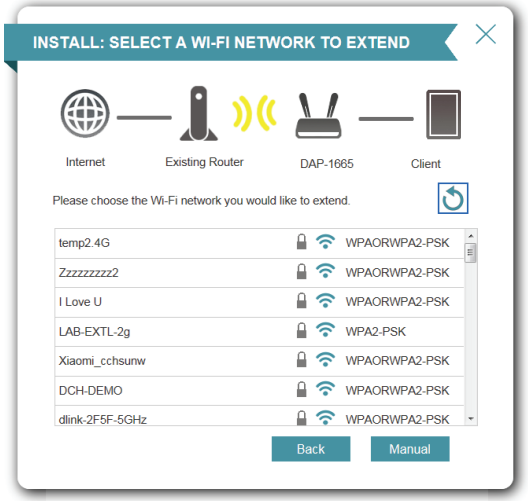
Click **Wi-Fi** to manually select your network.



The wizard will then scan for available wireless networks within range of the DAP-1665. Click on the SSID of the router or access point you wish to extend.

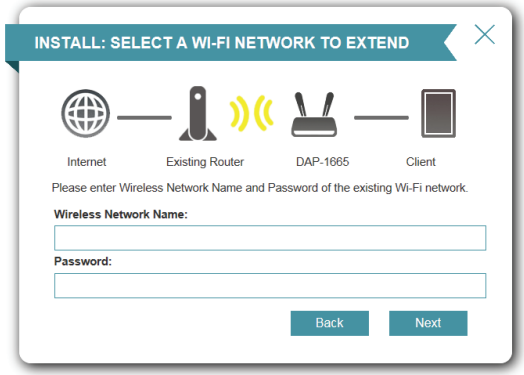
If you do not see your network in the list, click to search again.

If you still do not see your network, type in the SSID of your network manually, by clicking **Manual.**



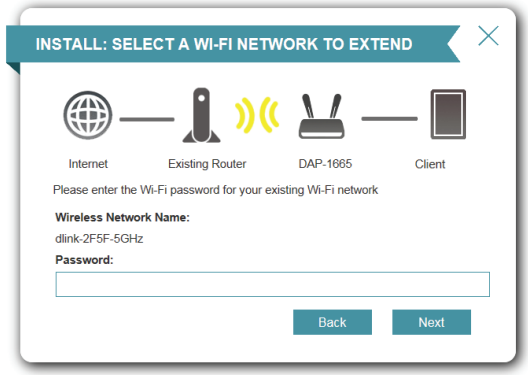
If you clicked **Manual** on the previous page, type in the SSID of the network you wish to extend.

Click **Next** to continue.



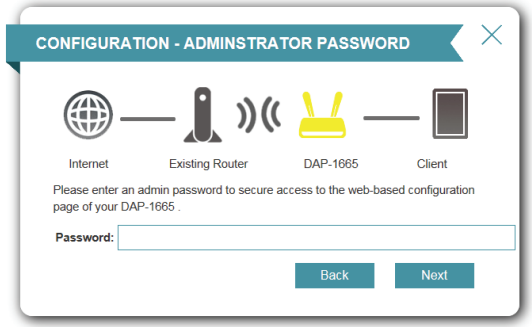
If the existing wireless network uses wireless security, enter the Wi-Fi password in the field provided.

Click **Next** to continue.

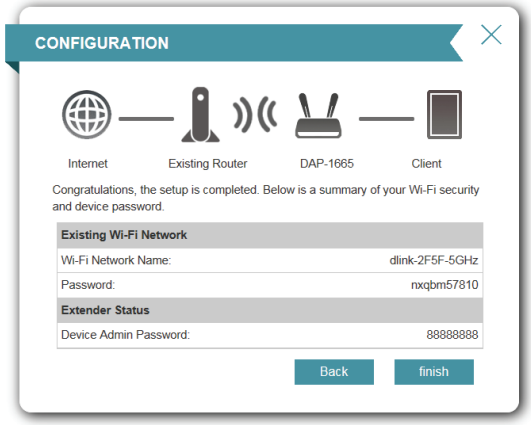


Next, enter a password for your administrator account. This account is used to log into the DAP-1665 for managing your network.

Click **Next** to proceed.



A summary page will be displayed showing the network name and Wi-Fi password for the existing network. It is recommended that you make a record of this information for future reference.



Click **Finish** to save the configuration.

In order for your network settings to take effect, the DAP-1665 will reboot automatically.

When the device has finished rebooting the login page will display.

Extender
Settings

You may also manually configure your DAP-1665 instead of running the setup wizard. Please refer to the following pages for detailed instructions on how to manually configure the DAP-1665 for your desired operation mode.

- **Access Point Mode** on page 34
- **Repeater Mode** on page 41
- **Wi-Fi Client** on page 45
- **Bridge** on page 46
- **Bridge with AP Mode** on page 49
- **WISP Client** on page 54
- **WISP Repeater** on page 55

Access Point Mode

This section lets you configure your DAP-1665 as a wireless access point for your existing network.

2.4 GHz Band

Wireless Mode: Select **Access Point** from the drop-down menu.

Status: Enables the wireless function for the **2.4 GHz** band. If you do not want to use wireless on this band, disable the slider. You may also set up a specific time range (schedule).

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 2.4 GHz network. This is the network name that wireless clients will search for when connecting to your wireless network.

Password: Enter a password for connecting to your 2.4 GHz network.

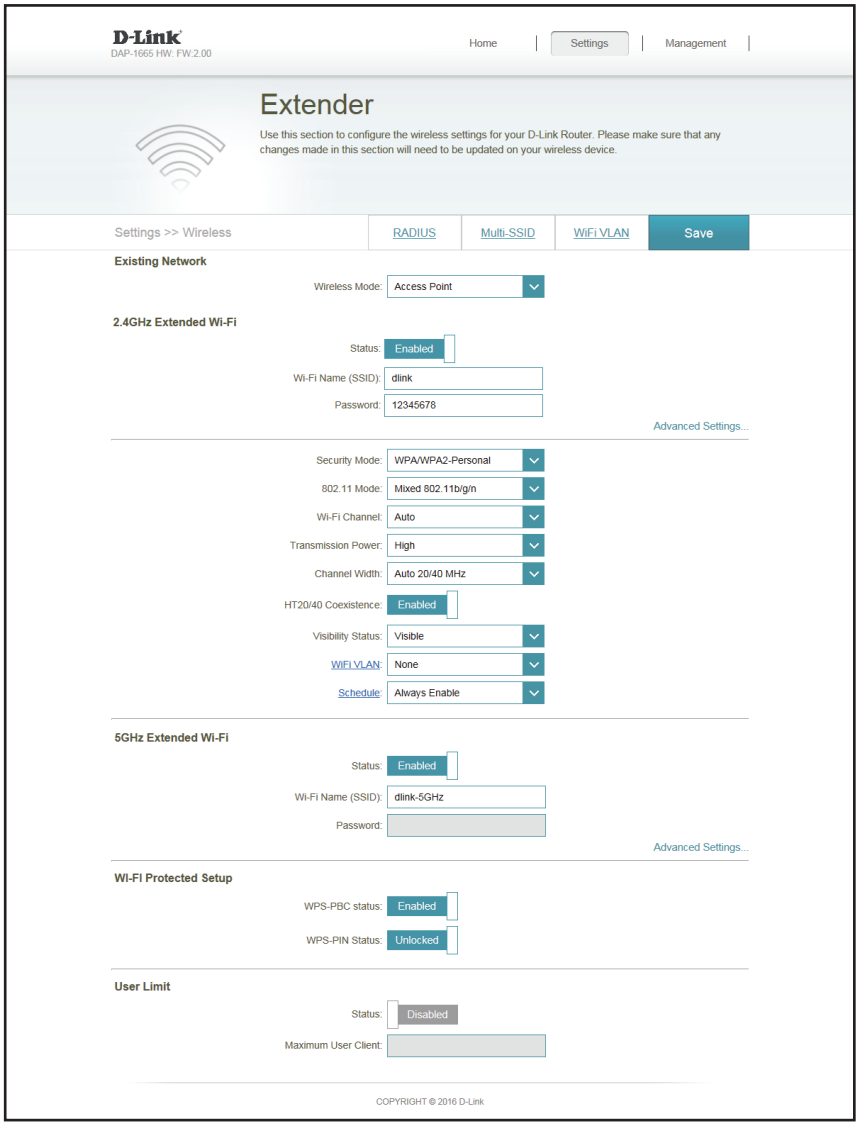
Advanced Settings:

Security Mode: Select the type of wireless security you wish to use for the extended network. Choose from **WPA/WPA2-Personal**, **WPA/WPA2-Enterprise**, or **None**.

802.11 Mode: Select one of the following:
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11n and 802.11g - Select if you are using a mix of 802.11n and 802.11g wireless clients.
Mixed 802.11n, 802.11g and 802.11b - Select if you are using a mix of 802.11n, 802.11g, and 802.11b wireless clients.

Wi-Fi Channel: Choose from channels 1-11 for an existing wireless network or to reduce interference in congested areas.
The **Auto** setting can be selected to allow the DAP-1665 to automatically choose the channel with the least amount of interference.

Transmission Power: Depending on your wireless reception and coverage area, you can choose between **Low, Medium,** or **High** power.



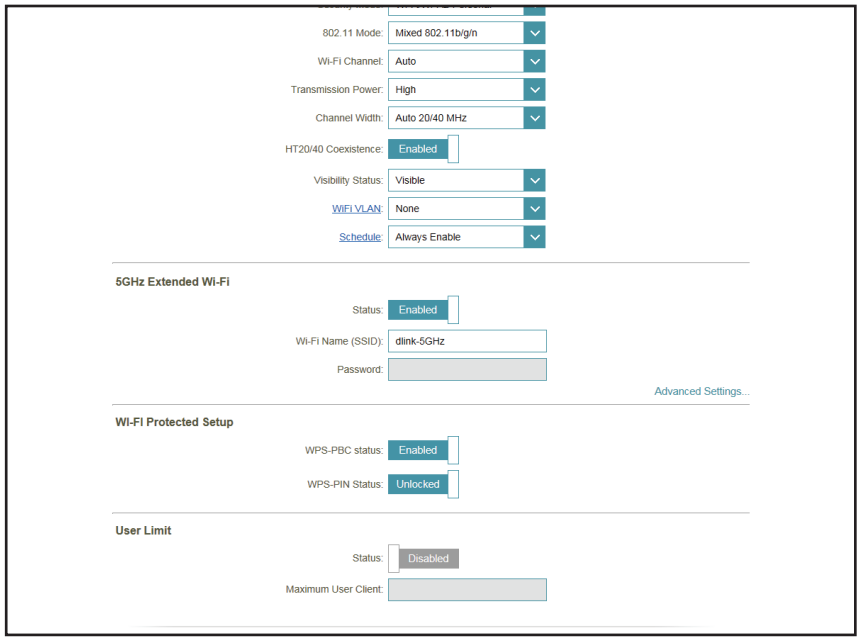
Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20 MHz - Select if you are not using any 802.11n wireless clients.

HT20/40 Coexistence: Enable or disable HT20/40 coexistence by toggling the slider. Enabling this feature helps with device compatibility depending on their 802.11 version.

Visibility Status: Select whether you would like the network name (SSID) of your wireless network to be **Visible** or **Invisible** to wireless clients. If **Invisible**, the SSID of the DAP-1665 will not be seen by site survey utilities, so wireless clients will have to manually enter the SSID of your wireless network in order to connect to it.

WiFi VLAN: If you have already defined VLAN IDs, you can choose if the clients accessing the 2.4 or 5 GHz band will be able to see other clients connected to that VLAN. The default setting is **None.**

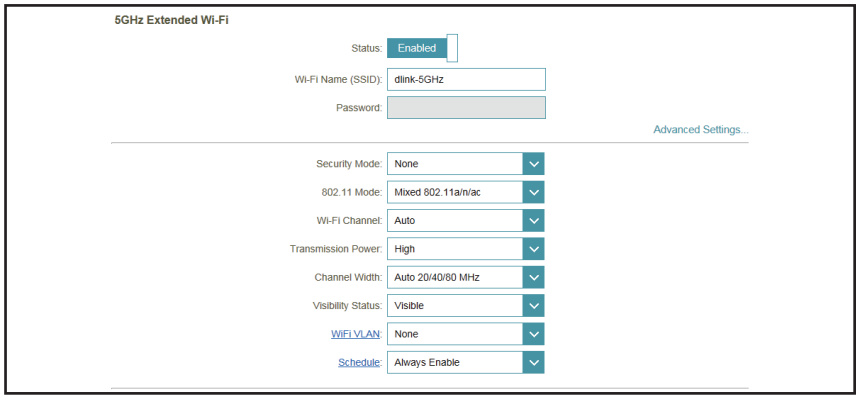
Schedule: If you have added a rule under **Management** >> **Schedule**, click on the drop-down menu to choose whether the device will be **Always Enable** or choose the name of your custom schedule. Click **Save** to store the setting and the device will reboot to activate the selected schedule.



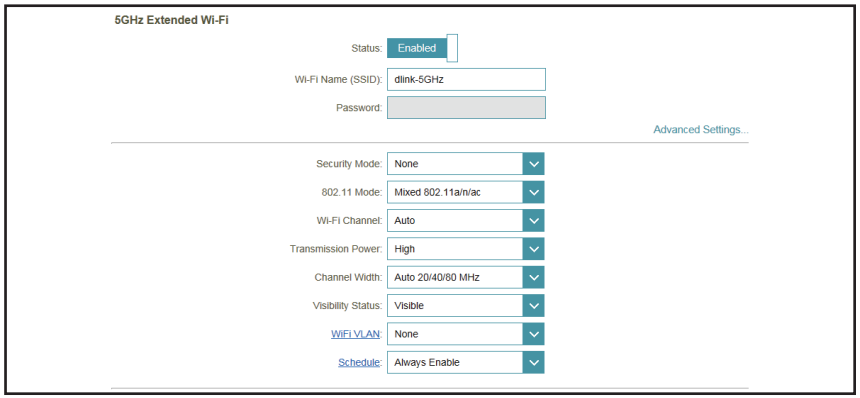
5 GHz Band

Status: Enables the wireless function for the **5 GHz** band. If you do not want to use wireless on this band, disable the slider. You may also set up a specific time range (schedule).

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 5 GHz network. This is the network name that wireless clients will search for when connecting to your wireless network. This name should be different to that of the 2.4 GHz network configured above.



Advanced Settings:



Security Mode: Select the type of wireless security you wish to use for the extended network. Choose from **WPA/WPA2-Personal**, **WPA/WPA2-Enterprise, None**.

802.11 Mode: Select one of the following:
802.11a Only - Select if you are only using 802.11a wireless clients.
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11a/n - Select if you are using a mix of 802.11n and 802.11a wireless clients.
802.11ac Only - Select if you are only using 802.11ac wireless clients.
Mixed 802.11n/ac - Select if you are using a mix of 802.11ac and 802.11n wireless clients.
Mixed 802.11a/n/ac - Select if you are using a mix of 802.11ac, 802.11n, and 802.11a wireless clients.

Wi-Fi Channel: Choose from channels 1-11 for an existing wireless network or to reduce interference in congested areas.
The **Auto** setting can be selected to allow the DAP-1665 to automatically choose the channel with the least amount of interference.

Transmission Power: Depending on your wireless reception and coverage area, you can choose between **Low, Medium,** or **High** power.

Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20/40/80 MHz - Select if you are not using any 802.11n wireless clients.

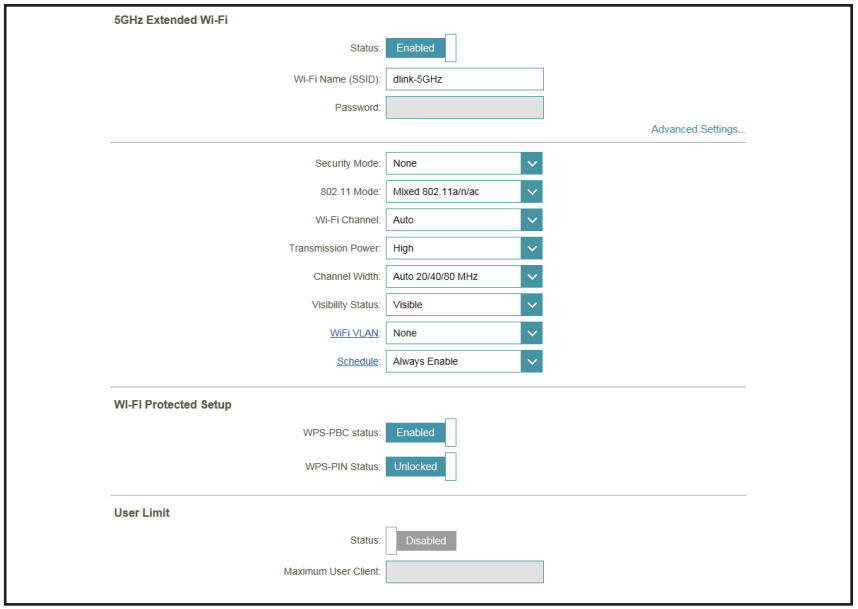
Visibility Status: Select whether you would like the network name (SSID) of your wireless network to be **Visible** or **Invisible** to wireless clients. If **Invisible**, the SSID of the DAP-1665 will not be seen by site survey utilities, so wireless clients will have to manually enter the SSID of your wireless network in order to connect to it.

WiFi VLAN: If you have already defined VLAN IDs, you can choose if the clients accessing the 2.4 or 5 GHz band will be able to see other clients connected to that VLAN. The default setting is **None.**

Schedule: If you have added a rule under **Management** >> **Schedule**, click on the drop-down menu to choose whether the device will be **Always Enable** or choose the name of your custom schedule. Click **Save** to store the setting and the device will reboot to activate the selected schedule.

Wi-Fi Protected Setup: **Enable** WPS-PBC status if you wish to allow push button connections to this device. **Unlocked** enables the use of the PIN method for Wi-Fi Protected Setup (WPS).

User Limit: **Enable** this function and enter a number in the Maximum User Client box to limit the amount of client connections to this device.



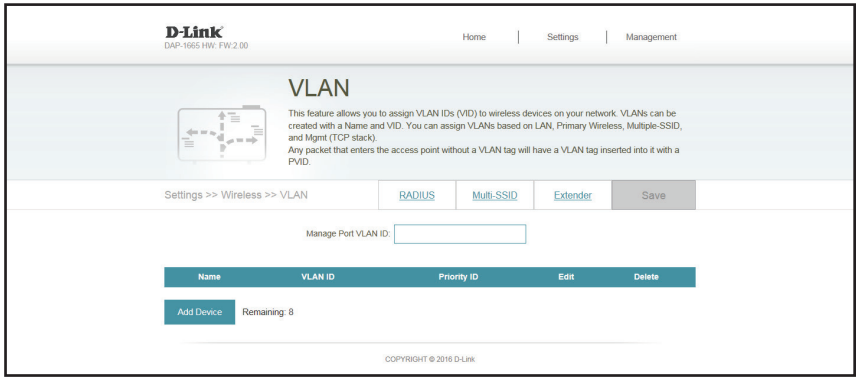
Wi-Fi VLAN

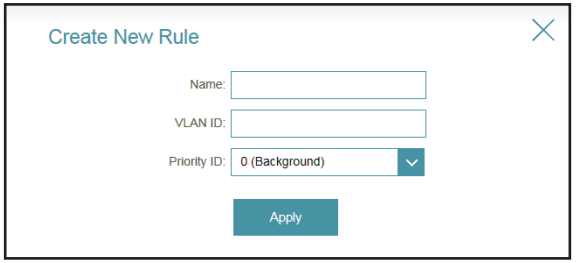
This section lets you assign VLAN IDs to wireless client devices on your network.

Name: Enter a name for this rule.

VLAN ID: Enter an ID number for this VLAN.

Priority ID: Choose between 0 to 7 priorities levels. The type of priority you wish to assign to this rule is described next to the number.





RADIUS

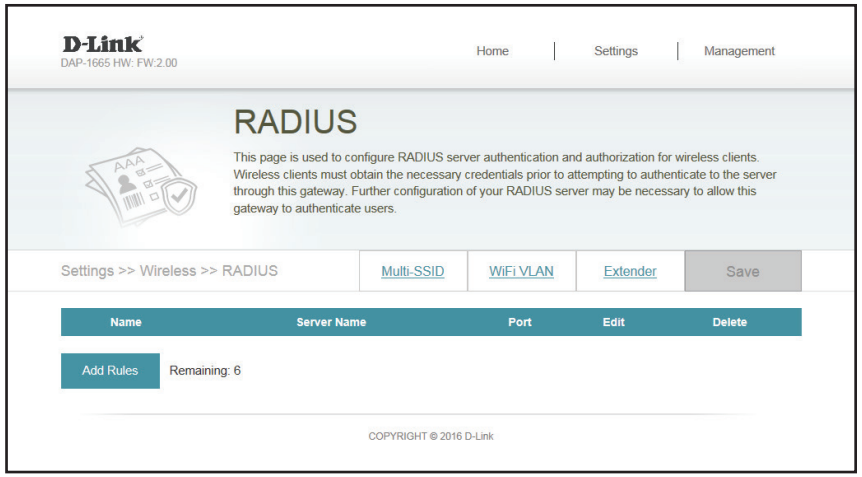
This section lets you configure RADIUS server authentication for wireless clients.

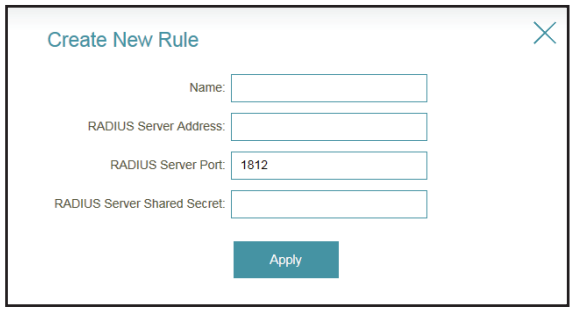
Name: Enter a name for this rule.

RADIUS Server Address: Enter your RADIUS server's IP address.

RADIUS Server Port: Enter the port your RADIUS server connects to for authentication. This is usually UDP port 1812.

RADIUS Server Shared Secret: Enter the shared secret for connecting to your RADIUS server via an encrypted password.





Multi-SSID

This section lets you configure additional wireless networks with their own SSIDs for specific needs.

Internet Access Only: Enable this to allow only access to the Internet when connected to these SSID networks.

WiFi Name: (SSID) Enter a name for this new network.

Password: Enter a password for this network.

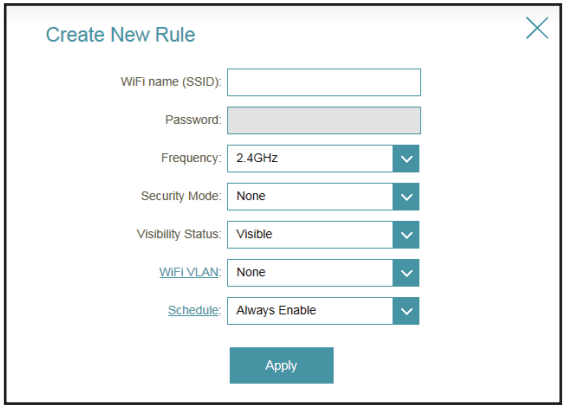
Frequency: Select between **2.4** or **5 GHz**.

Security Mode: Select **WPA/WPA2-Personal, WPA/WPA2-Enterprise,** or **None.**

Visibility Status: Select **Visible** or **Invisible** to allow this SSID to be scanned or not.

WiFi VLAN: Select an existing Wi-Fi VLAN to apply that rule to this network.

Schedule: Select an existing schedule to apply it to this network.



Repeater Mode

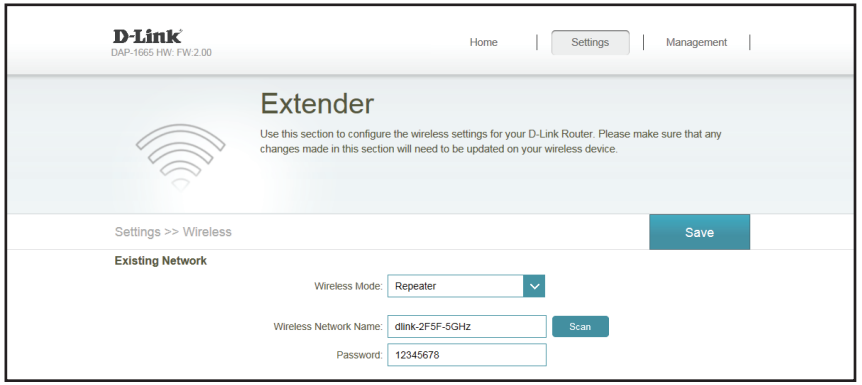
Repeater mode re-broadcasts the wireless signal of an existing network to increase coverage. The existing wireless signal can be repeated by the DAP-1665 using both the 2.4 GHz and 5 GHz bands.

Existing Network

Wireless Mode: Select **Repeater** from the drop-down menu.

Wireless Network Name: Click **Scan** to display a list of wireless networks in your area. In the pop-up, click on the SSID, and click **Select** at the bottom of the page to continue. The wireless network name will automatically appear in the Repeater Network Name field below, and the Repeater Network Band and Channel Width will automatically be detected. You can also manually enter the SSID of the access point you want to repeat the signal of.

Password: Enter a custom password for the existing network.

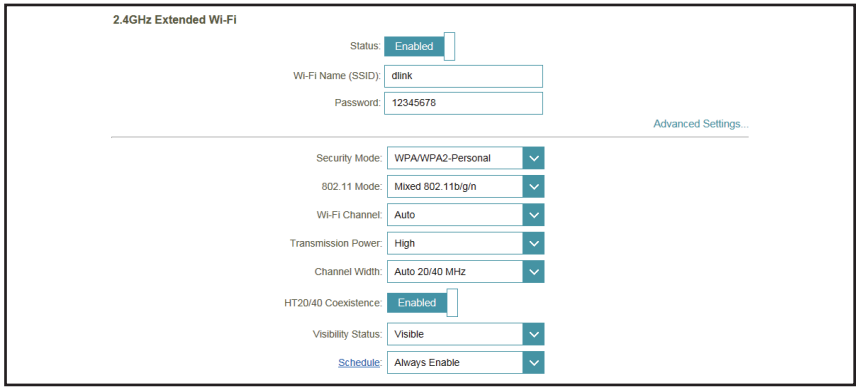


2.4 GHz Extended Wi-Fi

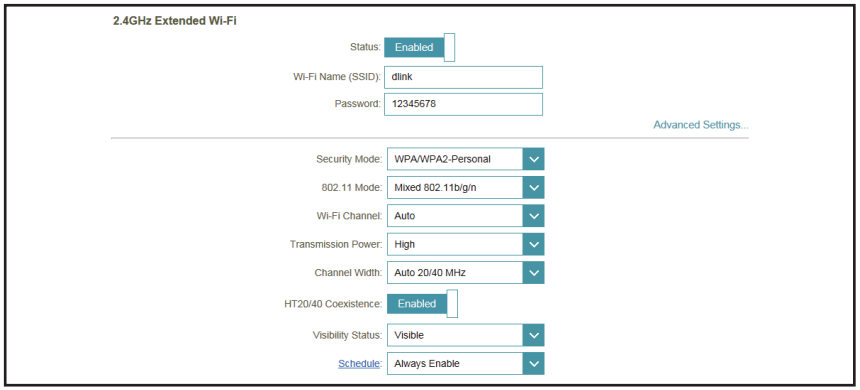
Status: Displays the name of the network to be repeated.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 2.4 GHz network. This is the network name that wireless clients will search for when connecting to your wireless network.

Password: Enter a password for connecting to your 2.4 GHz network.



Advanced Settings:



Security Mode: Select the type of wireless security you wish to use for the extended network. Choose from **WPA/WPA2-Personal**, **WPA/WPA2-Enterprise, None**.

802.11 Mode: Select one of the following:
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11n and 802.11g - Select if you are using a mix of 802.11n and 802.11g wireless clients.
Mixed 802.11n, 802.11g and 802.11b - Select if you are using a mix of 802.11n, 802.11g, and 802.11b wireless clients.

Wi-Fi Channel: Choose from channels 1-11 for an existing wireless network or to reduce interference in congested areas.
The **Auto** setting can be selected to allow the DAP-1665 to automatically choose the channel with the least amount of interference.

Transmission Power: Depending on your wireless reception and coverage area, you can choose between **Low, Medium,** or **High** power.

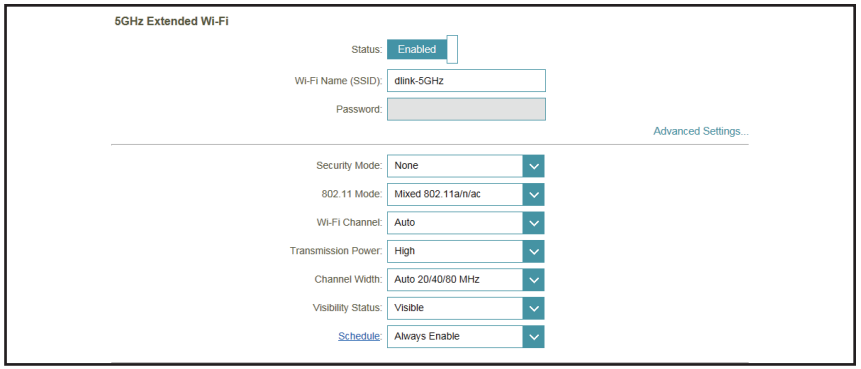
Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20 MHz - Select if you are not using any 802.11n wireless clients.

HT20/40 Coexistence: Enable or disable HT20/40 coexistence by toggling the slider. Enabling this feature helps with device compatibility depending on their 802.11 version.

Visibility Status: Select whether you would like the network name (SSID) of your wireless network to be **Visible** or **Invisible** to wireless clients. If **Invisible**, the SSID of the DAP-1665 will not be seen by site survey utilities, so wireless clients will have to manually enter the SSID of your wireless network in order to connect to it.

Schedule: If you have added a rule under **Management** >> **Schedule**, click on the drop-down menu to choose whether the device will be **Always Enable** or choose from the name of your custom schedule. Click **Save** to store the setting and the device will reboot to activate the selected schedule.

5 GHz Band



Status: Click to enable the wireless function for the **5 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions. You may also set up a specific time range (schedule). Select a schedule from the drop-down menu or click **Add New** to create a new schedule. By default, the schedule is set to **Always**.

Wireless Network Name: Specify a network name (SSID) to identify the 5 GHz network. This is the network name that wireless clients will search for when connecting to your wireless network. This name should be different to that of the 2.4 GHz network configured above.

Advanced Settings:

Security Mode: Select the type of wireless security you wish to use for the extended network. Choose from **WPA/WPA2-Personal**, **WPA/WPA2-Enterprise, None**.

802.11 Mode: Select one of the following:
802.11a Only - Select if you are only using 802.11a wireless clients.
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11a/n - Select if you are using a mix of 802.11n and 802.11a wireless clients.
802.11ac Only - Select if you are only using 802.11ac wireless clients.
Mixed 802.11n/ac - Select if you are using a mix of 802.11ac and 802.11n wireless clients.
Mixed 802.11a/n/ac - Select if you are using a mix of 802.11ac, 802.11n, and 802.11a wireless clients.

Wi-Fi Channel: Choose from channels 1-11 for an existing wireless network or to reduce interference in congested areas.
The **Auto** setting can be selected to allow the DAP-1665 to automatically choose the channel with the least amount of interference.

Transmission Power: Depending on your wireless reception and coverage area, you can choose between **Low, Medium,** or **High** power.

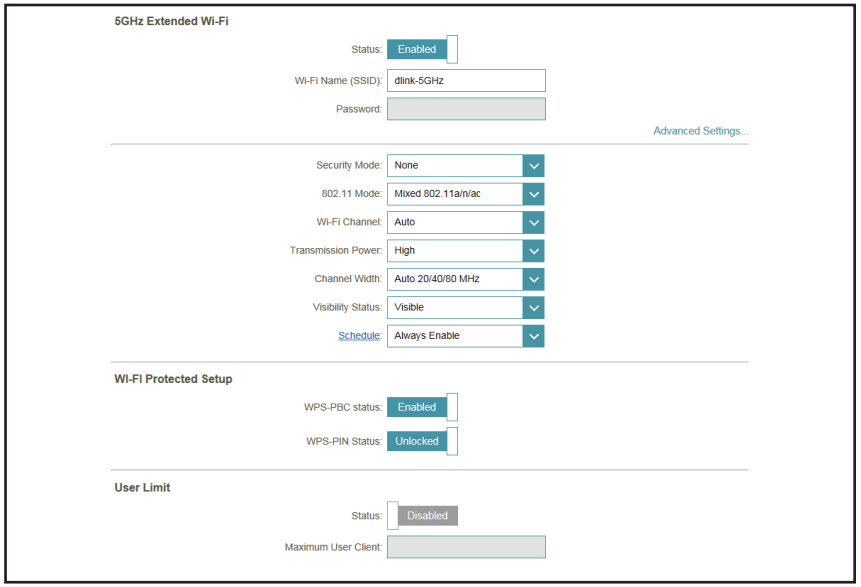
Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20/40/80 MHz - Select if you are not using any 802.11n wireless clients.

Visibility Status: Select whether you would like the network name (SSID) of your wireless network to be **Visible** or **Invisible** to wireless clients. If **Invisible**, the SSID of the DAP-1665 will not be seen by site survey utilities, so wireless clients will have to manually enter the SSID of your wireless network in order to connect to it.

Schedule: If you have added a rule under **Management** >> **Schedule**, click on the drop-down menu to choose whether the device will be **Always Enable** or choose from the name of your custom schedule. Click **Save** to store the setting and the device will reboot to activate the selected schedule.

Wi-Fi Protected Setup: **Enable** WPS-PBC status if you wish to allow push button connections to this device.
Unlocked enables the use of the PIN method for Wi-Fi Protected Setup (WPS).

User Limit: **Enable** this function and enter a number in the Maximum User Client box to limit the amount of client connections to this device.



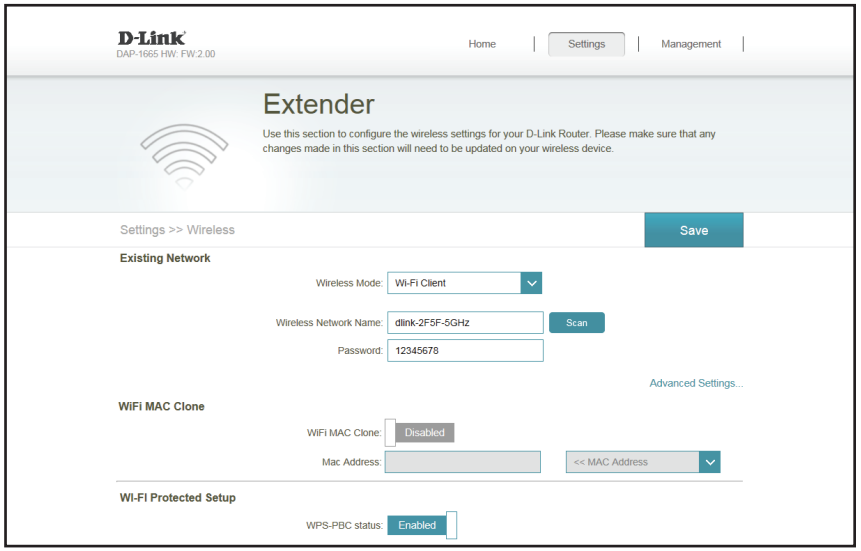
Wi-Fi Client

Existing Network

Wireless Mode: Select **Wi-Fi Client** from the drop-down menu.

Wireless Network Name: Click **Scan** to display a list of wireless networks in your area. In the pop-up, click on the SSID, and click **Select** at the bottom of the page to continue. The wireless network name will automatically appear in the Wireless Network Name field below. You can also manually enter the SSID of the network you want to connect to.

Password: Enter the password for the existing network. You may need to ask the network administrator for this information.



Advanced Settings:

Wireless MAC Clone: Tick **Enable** to clone the MAC address of another device. Manually enter the MAC Address, or click on the drop-down box to search through the MAC addresses of connected devices.

Wi-Fi Protected Setup

WPS-PBC Status: Check **Enable** if you wish to enable the use of the PIN method for Wi-Fi Protected Setup (WPS).

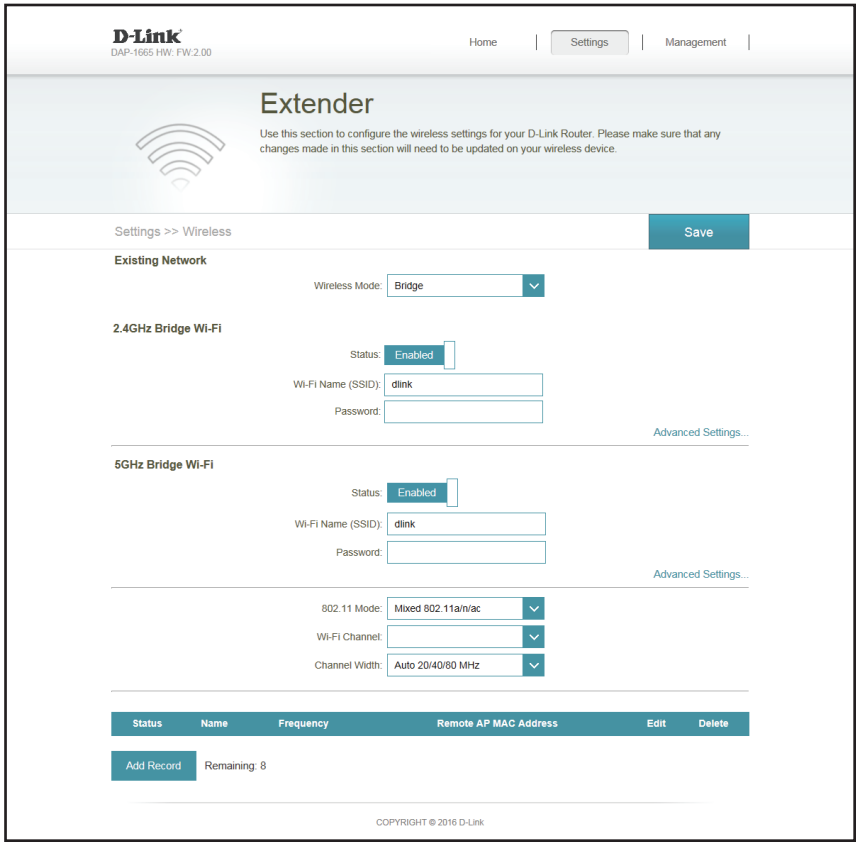
Click **Save Settings** to save the current configuration.

Bridge

Existing Network

Wireless Mode: Select **Bridge** from the drop-down menu.

2.4 GHz Bridge Wi-Fi



Status: Click to enable the wireless function for the **2.4 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 2.4 GHz network you want to bridge or leave it empty to scan for your SSID. Click **Add Record** to select an SSID in the pop-up window for it to take effect. The default setting is empty.

Password: Enter a custom password for this network.

Advanced Settings:

802.11 Mode: Select one of the following:
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11n and 802.11g - Select if you are using a mix of 802.11n and 802.11g wireless clients.
Mixed 802.11n, 802.11g and 802.11b - Select if you are using a mix of 802.11n, 802.11g, and 802.11b wireless clients.

Wi-Fi Channel: Choose from channels 1-11 for an existing wireless network or to reduce interference in congested areas.
The **Auto** setting can be selected to allow the DAP-1665 to automatically choose the channel with the least amount of interference.

Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20 MHz - Select if you are not using any 802.11n wireless clients.

5 GHz Bridge Wi-Fi

Status: Click to enable the wireless function for the **5 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 5 GHz network you want to bridge or leave it empty to scan for your SSID. Click **Add Record** to select an SSID in the pop-up window for it to take effect. The default setting is empty.

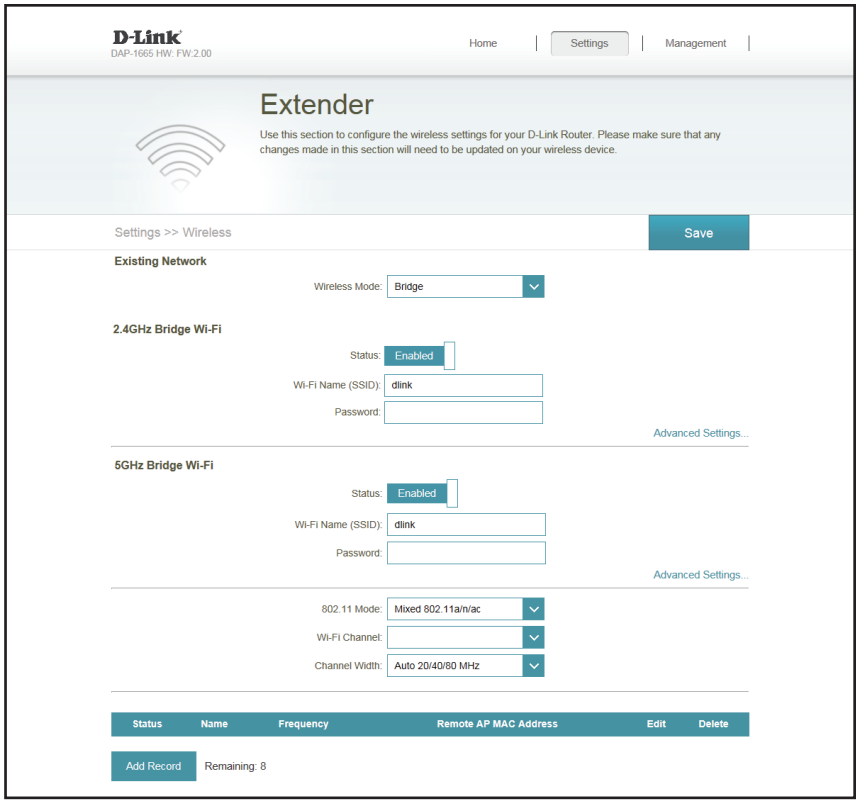
Password: Enter a custom password for this network.

Advanced Settings:

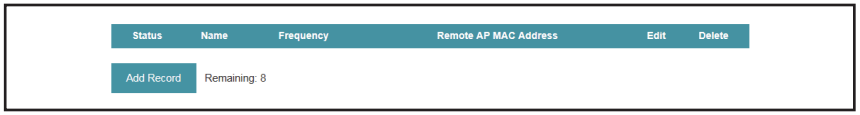
802.11 Mode: Select one of the following:
802.11a Only - Select if you are only using 802.11a wireless clients.
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11a/n - Select if you are using a mix of 802.11n and 802.11a wireless clients.
802.11ac Only - Select if you are only using 802.11ac wireless clients.
Mixed 802.11n/ac - Select if you are using a mix of 802.11ac and 802.11n wireless clients.
Mixed 802.11a/n/ac - Select if you are using a mix of 802.11ac, 802.11n, and 802.11a wireless clients.

Wi-Fi Channel: Choose a channel from the drop-down list for an existing wireless network or to reduce interference in congested areas.

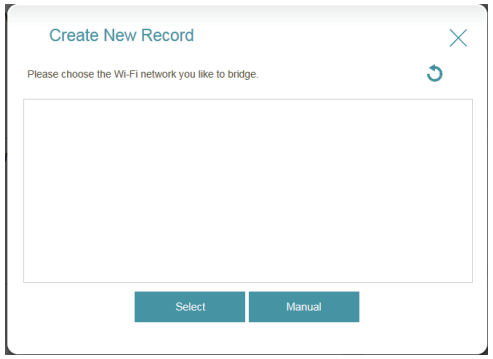
Channel Width: Select the channel width:
Auto 20/40 - Select this if you are using both 802.11n and non-802.11n wireless devices.
Auto 20/40/80 MHz - Select this if you are not using any 802.11n wireless clients.

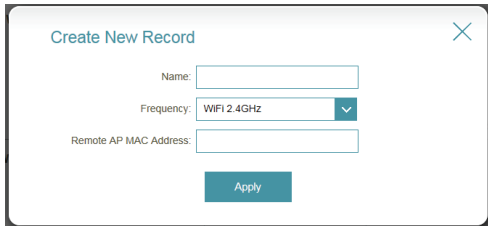


At the bottom of the page, click **Add Record** to create a new record of the network you would like to bridge. A list of wireless networks will appear for you to select from.



If the desired network is not listed, click **Manual** and type in the **Name,** select the **Frequency** and type in the **Remote AP MAC Address.** Click **Apply** to save the record.



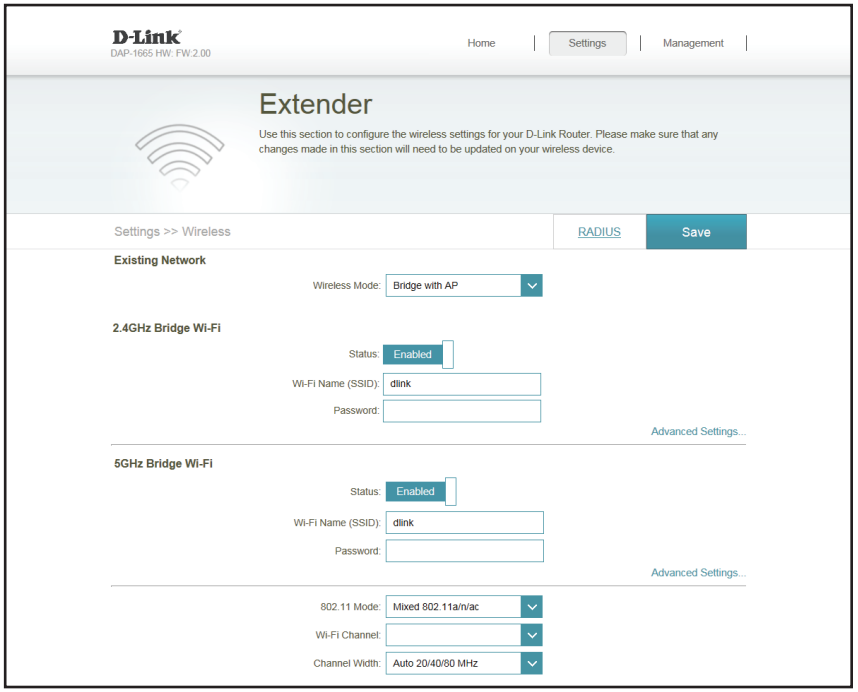


Bridge with AP Mode

Existing Network

Wireless Mode: Select **Bridge with AP** from the drop-down menu.

2.4 GHz Bridge Wi-Fi



Status: Click to enable the wireless function for the **2.4 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 2.4 GHz network you want to bridge or leave it empty to scan for your SSID. Click **Add Record** to select an SSID in the pop-up window for it to take effect. The default setting is empty.

Password: Enter a custom password for this network.

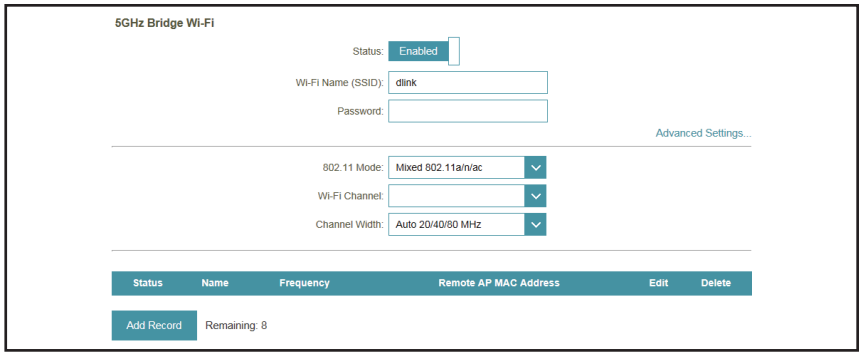
Advanced Settings:

802.11 Mode: Select one of the following:
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11n and 802.11g - Select if you are using a mix of 802.11n and 802.11g wireless clients.
Mixed 802.11n, 802.11g and 802.11b - Select if you are using a mix of 802.11n, 802.11g, and 802.11b wireless clients.

Wi-Fi Channel: Choose from channels 1-11 for an existing wireless network or to reduce interference in congested areas.

Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20 MHz - Select if you are not using any 802.11n wireless clients.

5 GHz Bridge Wi-Fi



Status: Click to enable the wireless function for the **5 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 5 GHz network you want to bridge or leave it empty to scan for your SSID. Click **Add Record** to select an SSID in the pop-up window for it to take effect. The default setting is empty.

Password: Enter a custom password for this network.

Advanced Settings:

802.11 Mode: Select one of the following:
802.11a Only - Select if you are only using 802.11a wireless clients.
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11a/n - Select if you are using a mix of 802.11n and 802.11a wireless clients.
802.11ac Only - Select if you are only using 802.11ac wireless clients.
Mixed 802.11n/ac - Select if you are using a mix of 802.11ac and 802.11n wireless clients.
Mixed 802.11a/n/ac - Select if you are using a mix of 802.11ac, 802.11n, and 802.11a wireless clients.

Wi-Fi Channel: Choose a channel from the drop-down list for an existing wireless network or to reduce interference in congested areas.

Channel Width: Select the channel width:
Auto 20/40 - Select this if you are using both 802.11n and non-802.11n wireless devices.
Auto 20/40/80 MHz - Select this if you are not using any 802.11n wireless clients.

2.4 GHz Extended Wi-Fi

Status: Click to enable the wireless function for the **2.4 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 2.4 GHz network. This is the network name that wireless clients will search for when connecting to your wireless network.

Password: Enter a custom password for this network.

Advanced Settings:

802.11 Mode: Select one of the following:
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11n and 802.11g - Select if you are using a mix of 802.11n and 802.11g wireless clients.
Mixed 802.11n, 802.11g and 802.11b - Select if you are using a mix of 802.11n, 802.11g, and 802.11b wireless clients.

Wi-Fi Channel: Choose from channels 1-11 for an existing wireless network or to reduce interference in congested areas.

Transmission Power: Depending on your wireless reception and coverage area, you can choose between **Low, Medium,** or **High** power.

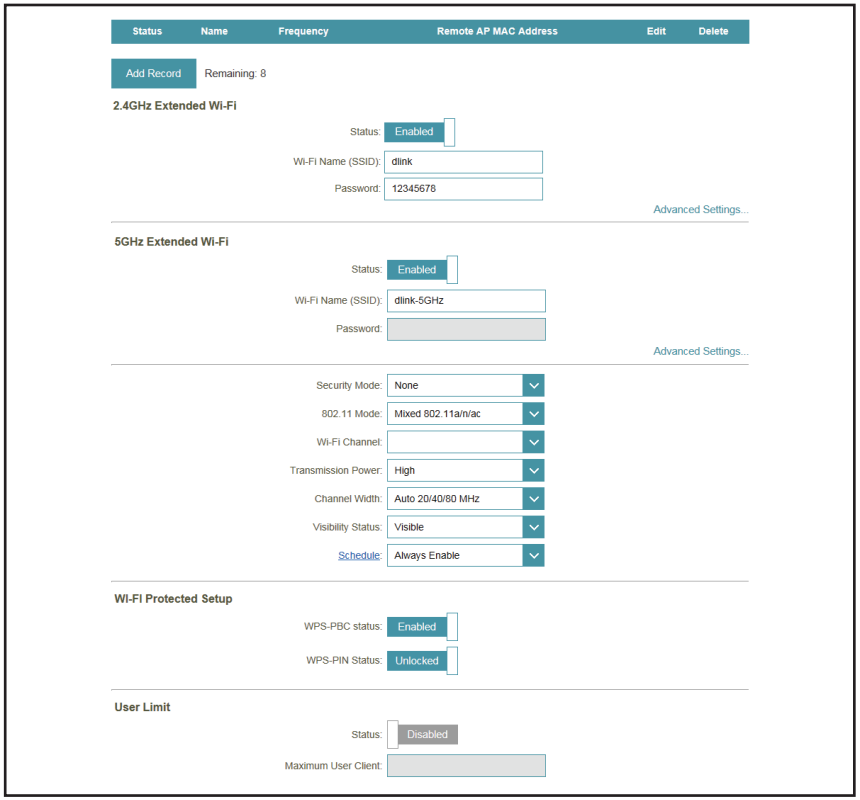
Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20 MHz - Select if you are not using any 802.11n wireless clients.

HT20/40 Coexistence: Enable or disable HT20/40 coexistence by toggling the slider. Enabling this feature helps with device compatibility depending on their 802.11 version.

Visibility Status: Select whether you would like the network name (SSID) of your wireless network to be **Visible** or **Invisible** to wireless clients. If **Invisible**, the SSID of the DAP-1665 will not be seen by site survey utilities, so wireless clients will have to manually enter the SSID of your wireless network in order to connect to it.

Schedule: If you have added a rule under **Management** >> **Schedule**, click on the drop-down menu to choose whether the device will be **Always Enable** or choose from the name of your custom schedule. Click **Save** to store the setting and the device will reboot to activate the selected schedule.

5 GHz Extended Wi-Fi



Status: Click to enable the wireless function for the **5 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 5 GHz network. This is the network name that wireless clients will search for when connecting to your wireless network.

Password: Enter a custom password for this network.

Advanced Settings:

Security Mode: Select the type of wireless security you wish to use for the extended network. Choose from **WPA/WPA2-Personal/WPA/WPA2-Enterprise/None**.

802.11 Mode: Select one of the following:
802.11a Only - Select if you are only using 802.11a wireless clients.
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11a/n - Select if you are using a mix of 802.11n and 802.11a wireless clients.
802.11ac Only - Select if you are only using 802.11ac wireless clients.
Mixed 802.11n/ac - Select if you are using a mix of 802.11ac and 802.11n wireless clients.
Mixed 802.11a/n/ac - Select if you are using a mix of 802.11ac, 802.11n, and 802.11a wireless clients.

Wi-Fi Channel: Choose a channel from the drop-down menu for an existing wireless network or to reduce interference in congested areas.

Transmission Power: Depending on your wireless reception and coverage area, you can choose between **Low, Medium,** or **High** power.

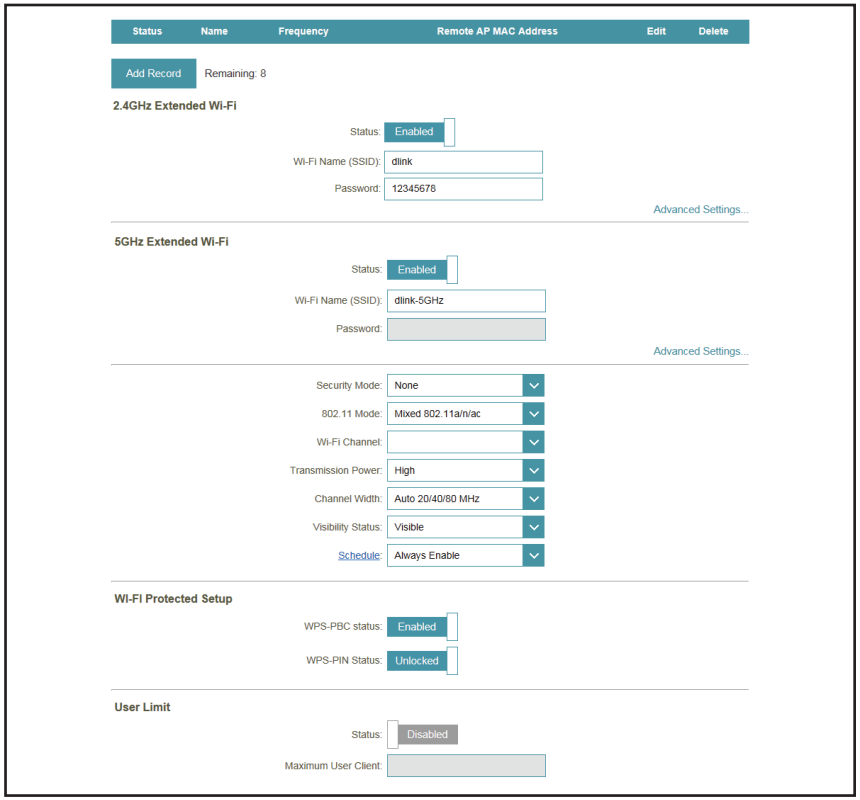
Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20/40/80 MHz - Select if you are not using any 802.11n wireless clients.

Visibility Status: Select whether you would like the network name (SSID) of your wireless network to be **Visible** or **Invisible** to wireless clients. If **Invisible**, the SSID of the DAP-1665 will not be seen by site survey utilities, so wireless clients will have to manually enter the SSID of your wireless network in order to connect to it.

Schedule: If you have added a rule under **Management** >> **Schedule**, click on the drop-down menu to choose whether the device will be **Always Enable** or choose from the name of your custom schedule. Click **Save** to store the setting and the device will reboot to activate the selected schedule.

Wi-Fi Protected Setup: **Enable** WPS-PBC status if you wish to allow push button connections to this device.
Unlocked enables the use of the PIN method for Wi-Fi Protected Setup (WPS).

User Limit: **Enable** this function and enter a number in the Maximum User Client box to limit the amount of client connections to this device.

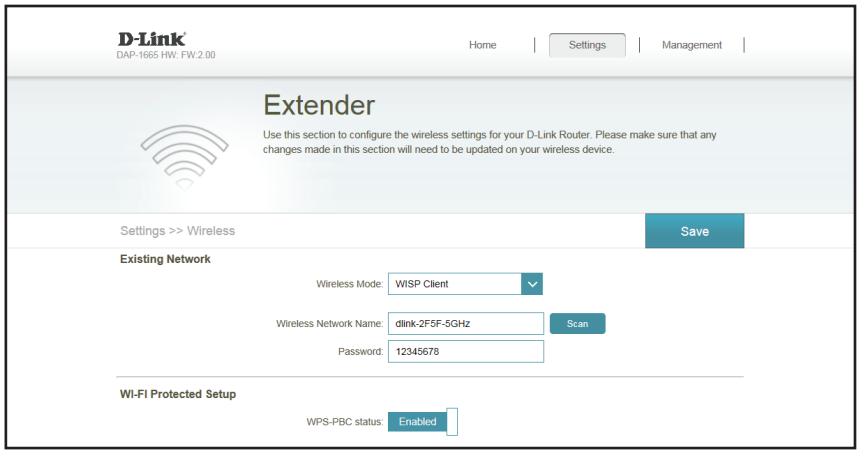


WISP Client

Wireless Mode: Select **WISP Client** from the drop-down menu.

Wireless Network Name: Click **Scan** to display a list of wireless networks in your area. In the pop-up, click on the SSID, and click **Select** at the bottom of the page to continue. The wireless network name will automatically appear in the Wireless Network Name field below. You can also manually enter the SSID of the network you want to connect to.

Password: Enter the password for the selected network. You may need to ask the network administrator for this information.

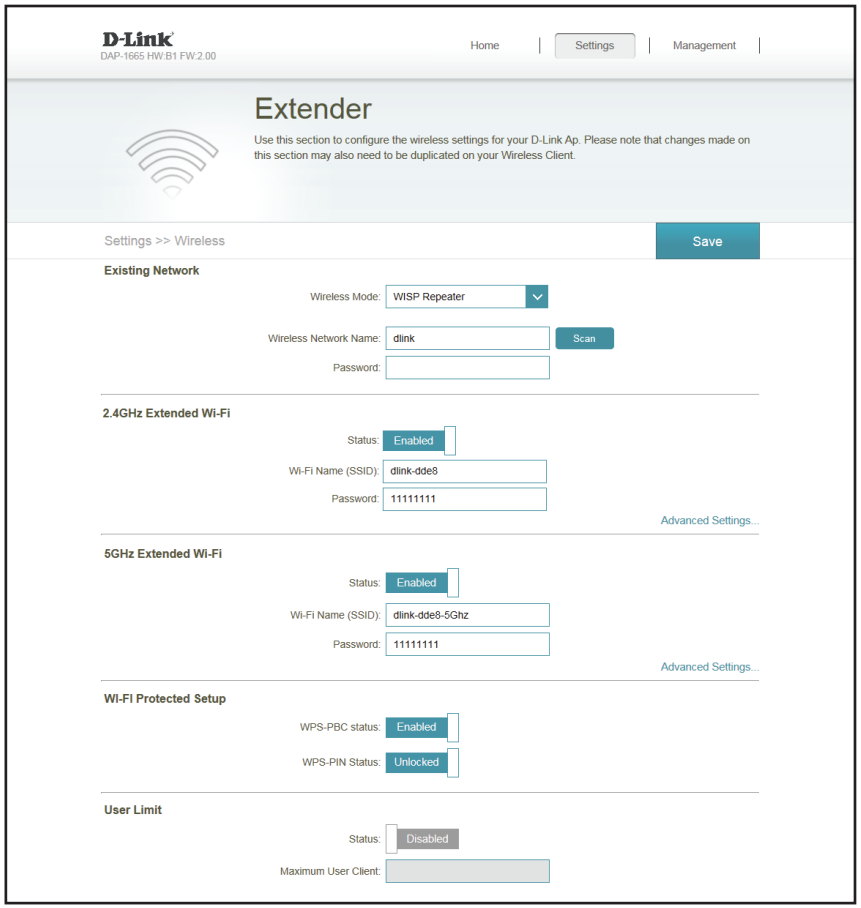


WISP Repeater

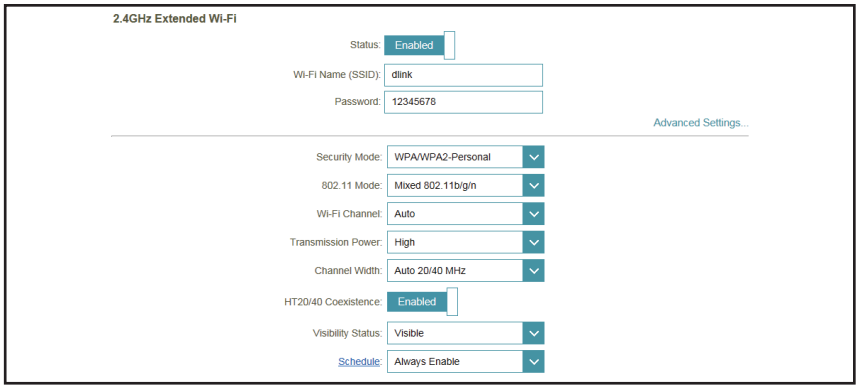
Wireless Mode: Select **WISP Repeater** from the drop-down menu.

Wireless Network Name: Click **Scan** to display a list of wireless networks in your area. In the pop-up, click on the SSID, and click **Select** at the bottom of the page to continue. The wireless network name will automatically appear in the Wireless Network Name field below. You can also manually enter the SSID of the network you want to connect to.

Password: Enter the password for the selected network. You may need to ask the network administrator for this information.



2.4 GHz Extended Wi-Fi



Status: Click to enable the wireless function for the **2.4 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the extended 2.4 GHz network. This is the network name that wireless clients will search for when connecting to your wireless network.

Password: Enter a custom password for this network.

Advanced Settings:

802.11 Mode: Select one of the following:
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11n and 802.11g - Select if you are using a mix of 802.11n and 802.11g wireless clients.
Mixed 802.11n, 802.11g and 802.11b - Select if you are using a mix of 802.11n, 802.11g, and 802.11b wireless clients.

Wi-Fi Channel: This is set on **Auto** for best performance when using WISP.

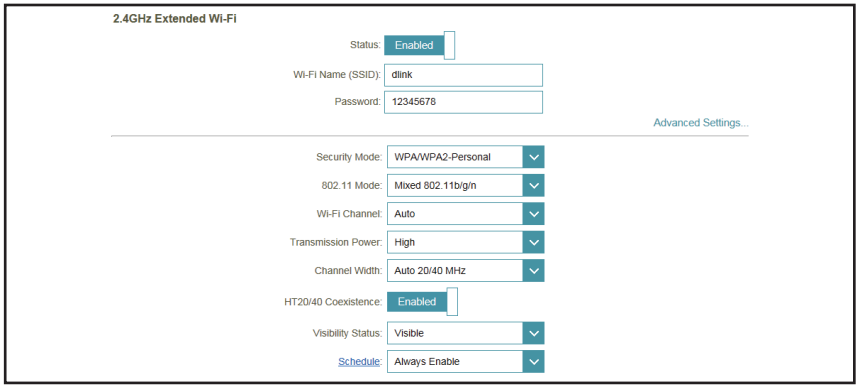
Transmission Power: Depending on your wireless reception and coverage area, you can choose between **Low, Medium,** or **High** power.

Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20 MHz - Select if you are not using any 802.11n wireless clients.

HT20/40 Coexistence: Enable or disable HT20/40 coexistence by toggling the slider. Enabling this feature helps with device compatibility depending on their 802.11 version.

Visibility Status: Select whether you would like the network name (SSID) of your wireless network to be **Visible** or **Invisible** to wireless clients. If **Invisible**, the SSID of the DAP-1665 will not be seen by site survey utilities, so wireless clients will have to manually enter the SSID of your wireless network in order to connect to it.

Schedule: If you have added a rule under **Management** >> **Schedule**, click on the drop-down menu to choose whether the device will be **Always Enable** or choose from the name of your custom schedule. Click **Save** to store the setting and the device will reboot to activate the selected schedule.

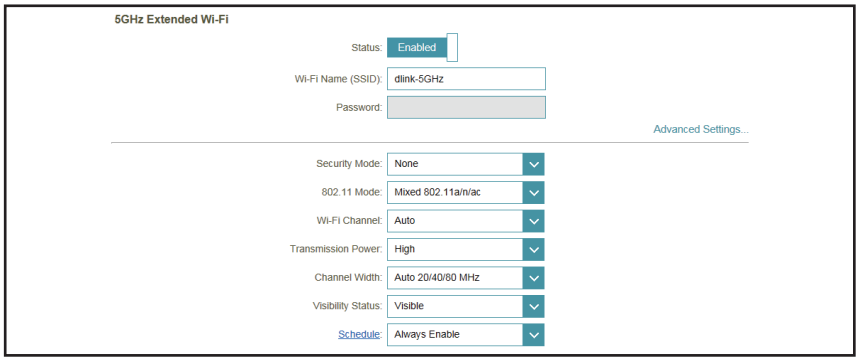


5 GHz Extended Wi-Fi

Status: Click to enable the wireless function for the **5 GHz** band. If you do not want to use wireless, uncheck the box to disable all wireless functions.

Wi-Fi Name (SSID): Specify a network name (SSID) to identify the 5 GHz network. This is the network name that wireless clients will search for when connecting to your wireless network.

Password: Enter a custom password for this network.



Advanced Settings:

Security Mode: Select the type of wireless security you wish to use for the extended network. Choose from **WPA/WPA2-Personal**, **WPA/WPA2-Enterprise, None**.

802.11 Mode: Select one of the following:
802.11a Only - Select if you are only using 802.11a wireless clients.
802.11n Only - Select if you are only using 802.11n wireless clients.
Mixed 802.11a/n - Select if you are using a mix of 802.11n and 802.11a wireless clients.
802.11ac Only - Select if you are only using 802.11ac wireless clients.
Mixed 802.11n/ac - Select if you are using a mix of 802.11ac and 802.11n wireless clients.
Mixed 802.11a/n/ac - Select if you are using a mix of 802.11ac, 802.11n, and 802.11a wireless clients.

Wi-Fi Channel: Choose a channel from the drop-down menu for an existing wireless network or to reduce interference in congested areas.

Transmission Power: Depending on your wireless reception and coverage area, you can choose between **Low, Medium,** or **High** power.

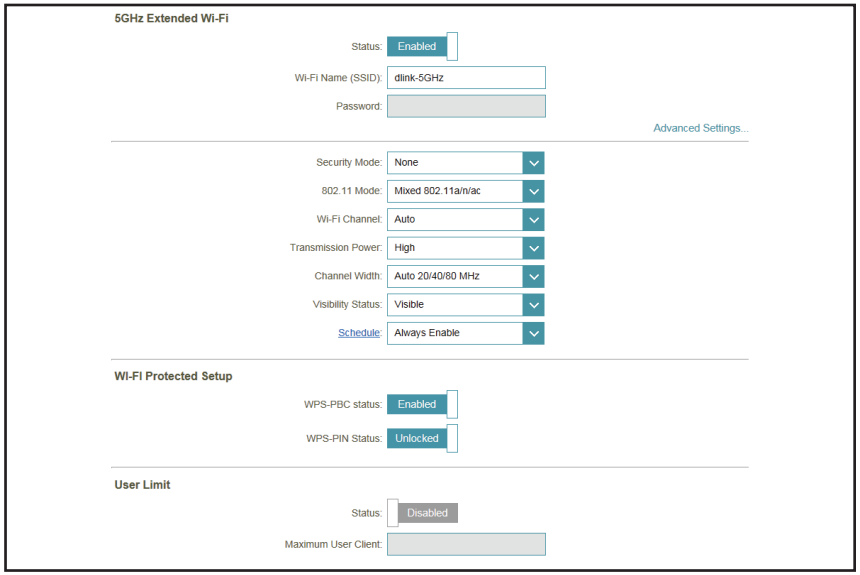
Channel Width: Select the channel width:
Auto 20/40 - Select if you are using both 802.11n and non-802.11n wireless devices.
20/40/80 MHz - Select if you are not using any 802.11n wireless clients.

Visibility Status: Select whether you would like the network name (SSID) of your wireless network to be **Visible** or **Invisible** to wireless clients. If **Invisible**, the SSID of the DAP-1665 will not be seen by site survey utilities, so wireless clients will have to manually enter the SSID of your wireless network in order to connect to it.

Schedule: If you have added a rule under **Management** >> **Schedule**, click on the drop-down menu to choose whether the device will be **Always Enable** or choose from the name of your custom schedule. Click **Save** to store the setting and the device will reboot to activate the selected schedule.

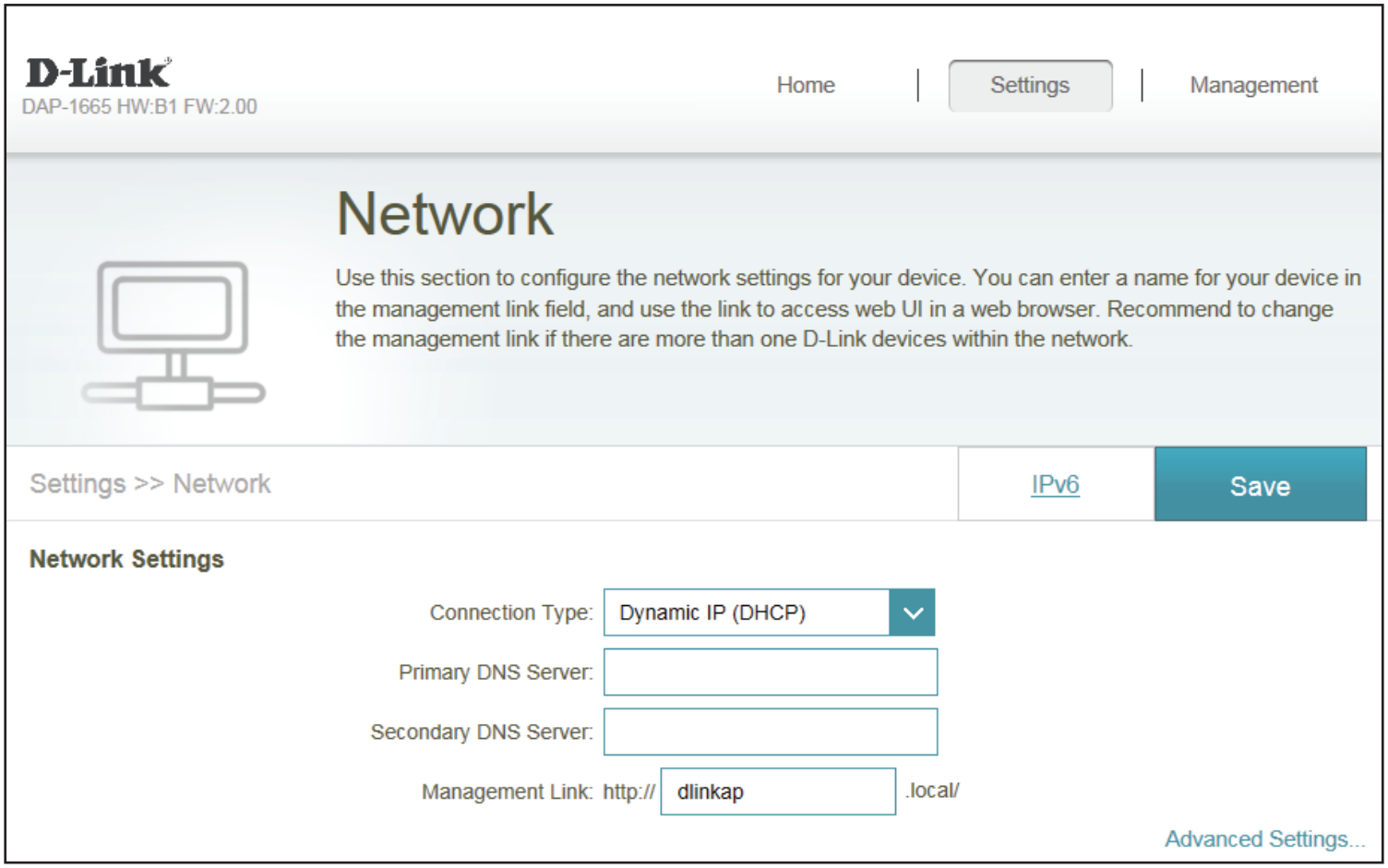
Wi-Fi Protected Setup: **Enable** WPS-PBC status if you wish to allow push button connections to this device.
Unlocked enables the use of the PIN method for Wi-Fi Protected Setup (WPS).

User Limit: **Enable** this function and enter a number in the Maximum User Client box to limit the amount of client connections to this device.



Network Settings

This page lets you configure the network settings for the DAP-1665. To access this page, click the **Settings** at the top of the page, then select **Network**. Click **Save** at any time to save the changes you have made on this page.



IPv4
Static IP

Connection Type: Select **Static IP** to manually assign an IP address to the DAP-1665.

LAN IP Address: Enter the IPv4 address that you want to assign to the network AP. This address should be outside of the uplink router's DHCP address pool.

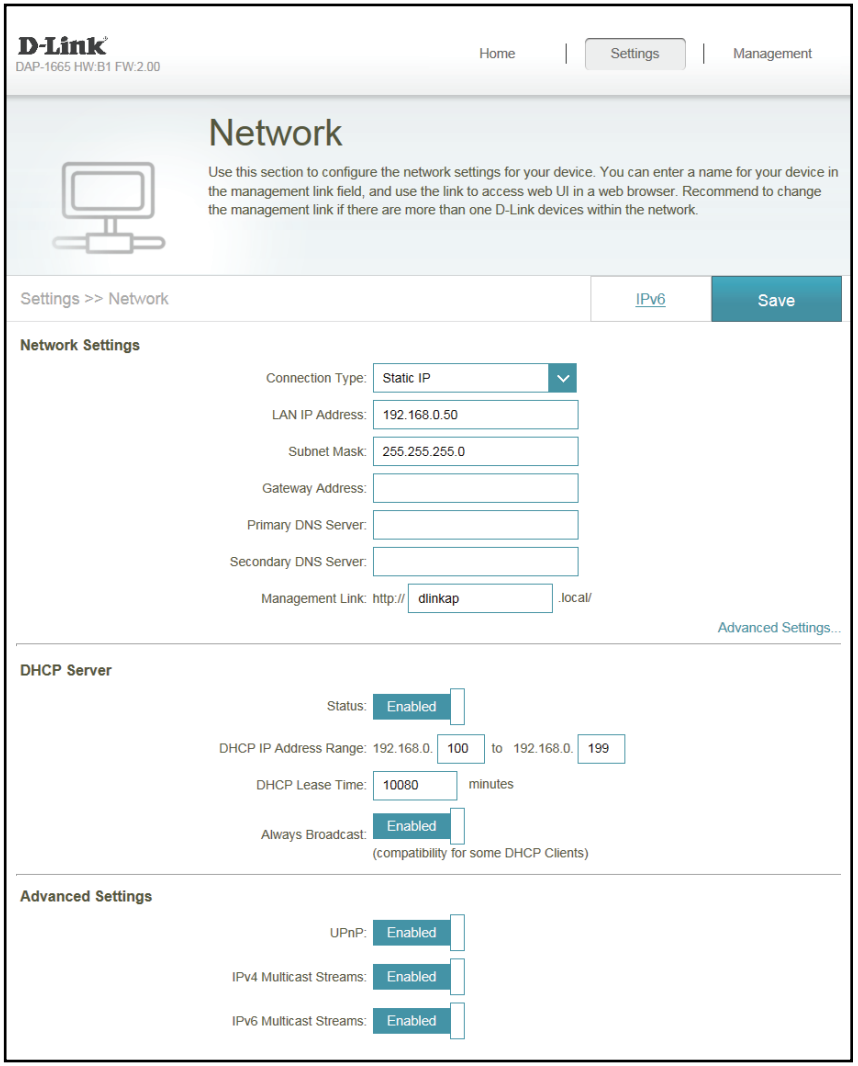
Subnet Mask: Enter the subnet mask.

Gateway Address: Enter the gateway address. This is usually the IP address of the uplink router.

Primary DNS Server: Enter the address of the primary DNS server.

Secondary DNS Server: Enter the address of the secondary DNS server. This is optional but will provide backup if the primary server fails.

Management Link: Enter a custom URL link to access this management interface.



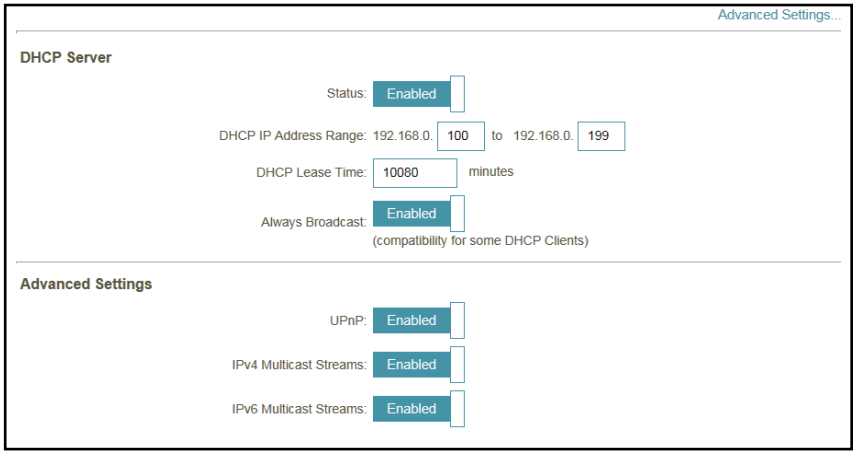
DHCP Server:

Status: Click to enable the DHCP server function.

DHCP IP Address Range: Enter the range of the DHCP address pool from which requesting clients can be assigned addresses. You should ensure that the access point's static IP address is outside of this range in order to avoid any IP address conflicts.

DHCP Lease Time: Enter the length of time IP addresses assigned by the server will be valid for.

Always Broadcast: Check the box to have the DHCP server always broadcast its response to clients. This can help to avoid problems when clients fail to obtain an IP address from the DHCP server.



Advanced Settings:

UPnP: Enable this to allow Universal Plug and Play functionality.

IPv4/IPv6 Multicast Streams: Enable to allow multicasting to clients on IPv4/IPv6 networks.

Dynamic IP (DHCP)

Connection Type: Select **Dynamic IP** to automatically assign an IP address to the DAP-1665.

Primary DNS Server: Enter the address of the primary DNS server.

Secondary DNS Server: Enter the address of the secondary DNS server. This is optional but will provide backup if the primary server fails.

Management Link: Enter a custom URL link to access this management interface.

Advanced Settings:

Status: Click to enable the DHCP server function.

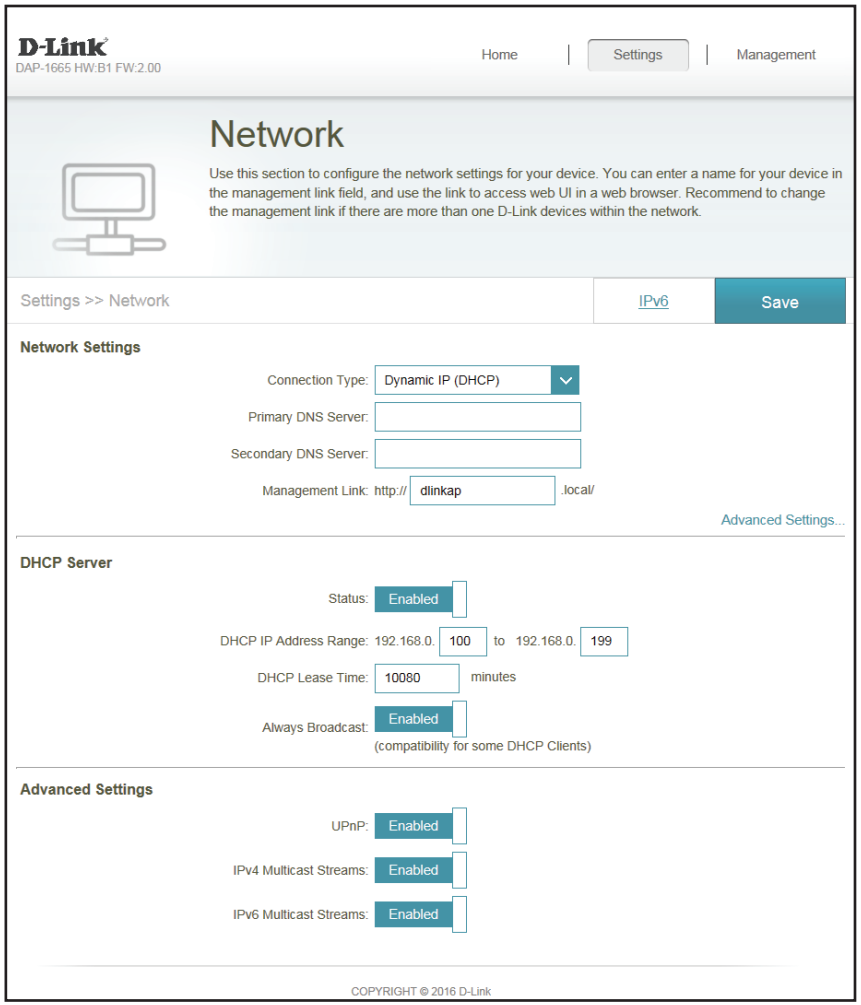
DHCP IP Address Range: Enter the range of the DHCP address pool from which requesting clients can be assigned addresses. You should ensure that the access point's static IP address is outside of this range in order to avoid any IP address conflicts.

DHCP Lease Time: Enter the length of time IP addresses assigned by the server will be valid for.

Always Broadcast: Check the box to have the DHCP server always broadcast its response to clients. This can help to avoid problems when clients fail to obtain an IP address from the DHCP server.

UPnP: Enable this to allow universal Plug and Play functionality.

IPv4/IPv6 Multicast Streams: Enable each on to allow multicasting to clients on IPv4/IPv6 networks.



IPv6

Autoconfiguration (SLAAC/DHCPv6)

My Internet Connection is: Select **Autoconfiguration (SLAAC/DHCPv6)** to have the DAP-1665 automatically receive an IPv6 address from the uplink router.

DNS Type: You can select to obtain IPv6 DNS server information automatically, or you can select to configure DNS servers manually and fill in the boxes accordingly.

Primary DNS Server: For manual settings, enter the primary IPv6 DNS server address.

Secondary DNS Server: For manual settings, enter the secondary IPv6 DNS server address. This is optional but will provide backup if the primary server fails.

Static IPv6

My Internet Connection is: Select **Static IPv6** to manually assign an IP address to the DAP-1665.

IPv6 Address: Enter the IPv6 address that you want to assign to the extended network AP. This address should be outside of the uplink router's DHCP address pool.

Subnet Prefix Length: Enter the length of the IPv6 subnet prefix.

Default Gateway: Enter the default gateway.

Primary DNS Server: Enter the primary IPv6 DNS server address.

Secondary DNS Server: Enter the secondary IPv6 DNS server address. This is optional but will provide backup if the primary server fails.

Local Connectivity Only

My Internet Connection is: Select **Local Connectivity Only** to only set an IPv6 address for the local network.

LAN IPv6 Link-Local Address: Shows the link-local address of the DAP-1665.

Management

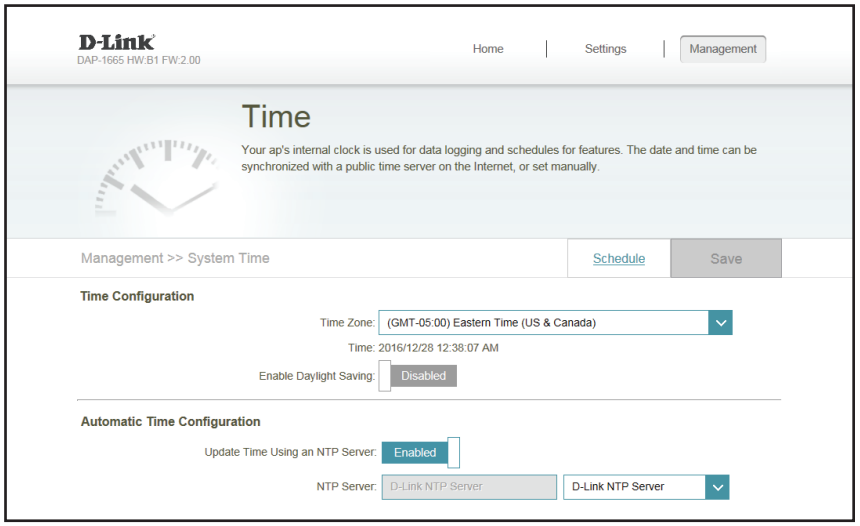
The Management section allows you to adjust the administrative settings of the router such as time and date, administrator password, and update the device's firmware. Click **Save** to apply your settings.

Time

Use the Time page to configure the time and date settings of the access point. You can also configure daylight saving adjustments and synchronize the access point's clock and calendar with an Internet-based Network Time Protocol (NTP) server.

Time Configuration: Select the time zone from the drop-down box and click the slider to enable or disable daylight saving.

Automatic Time Configuration: Click to enable "Update Time Using an NTP Server" if you have a valid connection to an NTP server you wish to use.
You can type in a custom IP address in the NTP Server field if you have selected **Manual** from the drop-down box.

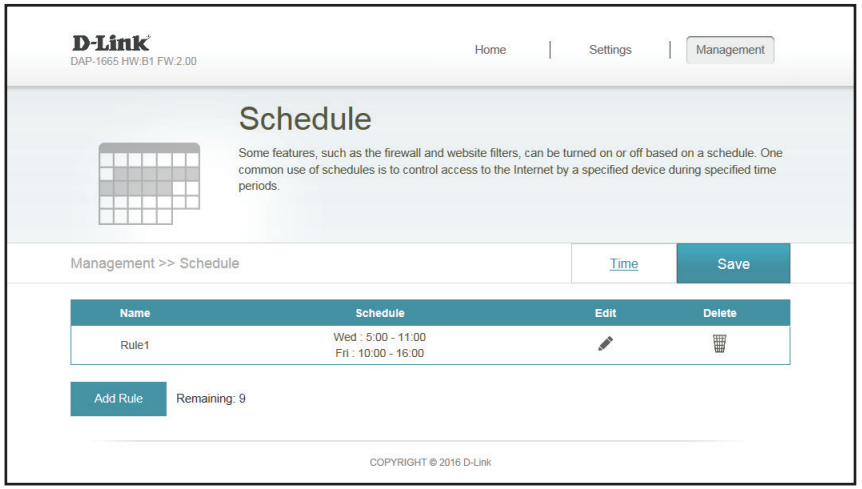


Schedule

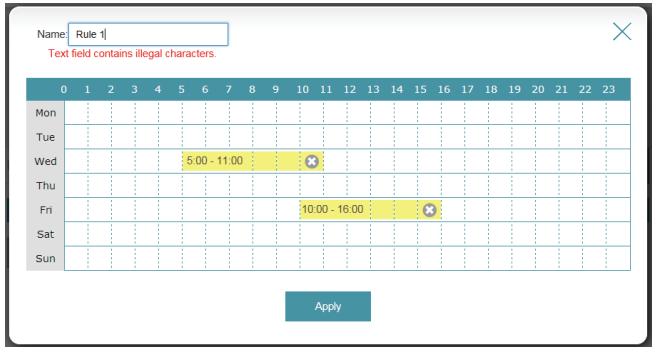
Use the Schedule page to create new schedule rules for various device functions. Schedules created here will be available for selection from schedule selection drop-down menus throughout the configuration utility.

Click **Add Rule** to add a schedule for times that can be used to control the device's specific features.

On this page, you can **Edit** and **Delete** the rule. Click **Save** to apply the rules.



You can draw the time slots in the pop-up window and type in a custom rule name. Click **Apply** to add the rule.



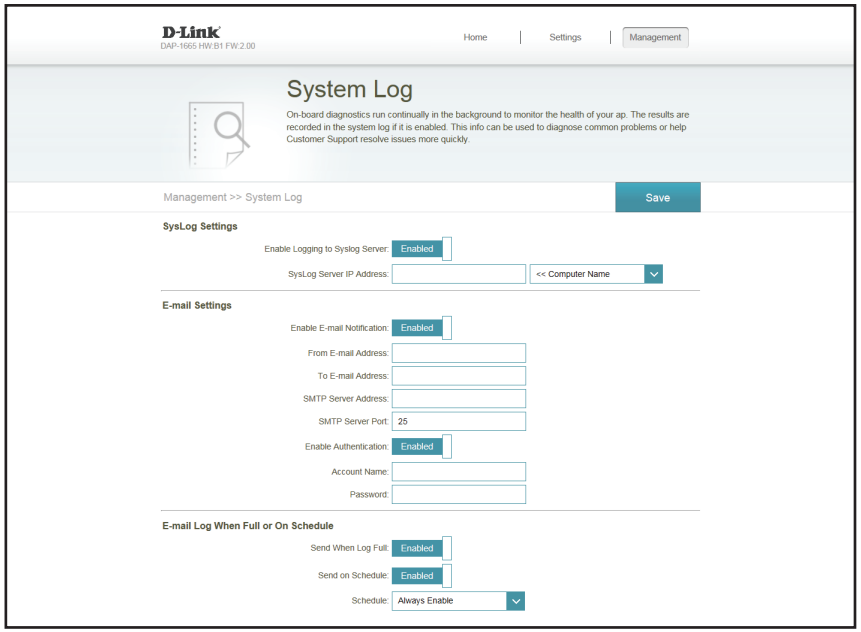
Log

The DAP-1665 keeps a running log of events and activities occurring on the access point. If the device is rebooted, the logs will automatically be cleared. Click **Save** to apply your changes.

SysLog Settings: Enable "Logging to Syslog Server" if you have one on your network. You can then manually enter the IP address of the server or select one from the drop-down list on the right.

E-mail Settings: Enable "E-mail Notification" and enter your desired From/To E-mail Addresses, SMTP information, and authentication information for your account.

E-mail Log When Full or On Schedule: You can enable automatic sending of logs when they are full or schedule logs to be sent via a preset schedule.

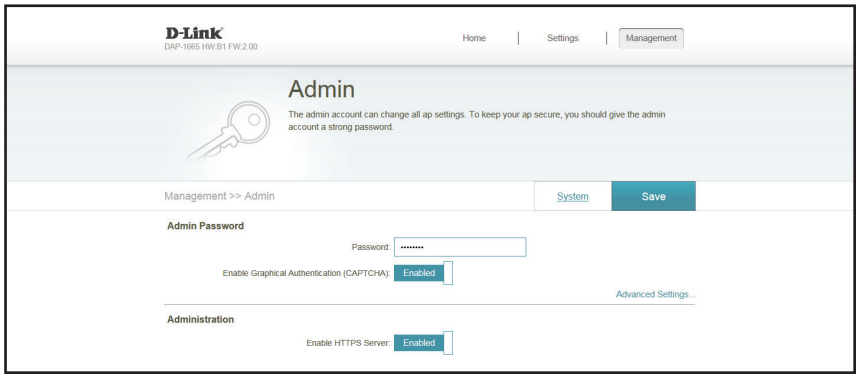


Admin

You can change the admin password and configure system settings from the Admin page. Click **Save** to apply settings.

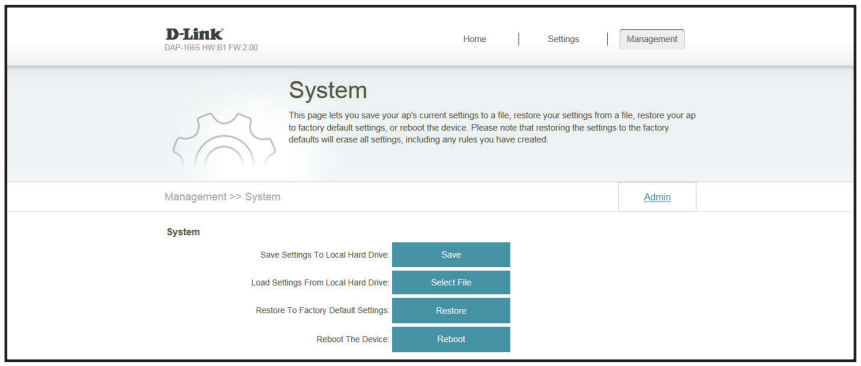
Admin Password: Enter a custom password for your admin account in this box. You can also enable a graphical authentication for better security against bots here.

Administration: **Enable** HTTPS Server to encrypt the connection to your device's management page.



System

You can save your DAP-1665's settings to a file as a backup from this page.



Save Settings to Local Hard Drive: Click **Save** to save the access point's current configuration to a file on your local computer. After clicking, a *Save File* dialog will appear, prompting you to save the configuration file on your computer.

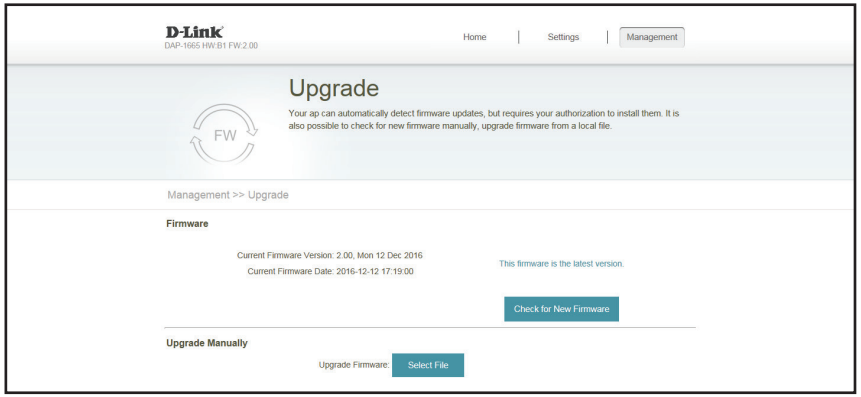
Load Settings From Local Hard Drive: Click **Browse** to locate a previously saved configuration file on your local computer. Once the file has been located, click **Upload Settings** to apply the configuration in the file to the access point.
Note: This will overwrite any current configuration.

Restore to Factory Default Settings: Click **Restore Device** to reset the DAP-1665's settings to the factory defaults.
Warning: This will erase all current settings and cannot be undone.

Reboot the Device: Click **Reboot** to reboot the device. You will need to log in to the device again once the reboot has been completed.

Upgrade

Use the Upgrade page to update the device's firmware.



Firmware This section displays information about the device's current firmware and language pack. Click **Check for New Firmware** to check for new firmware or language pack versions.

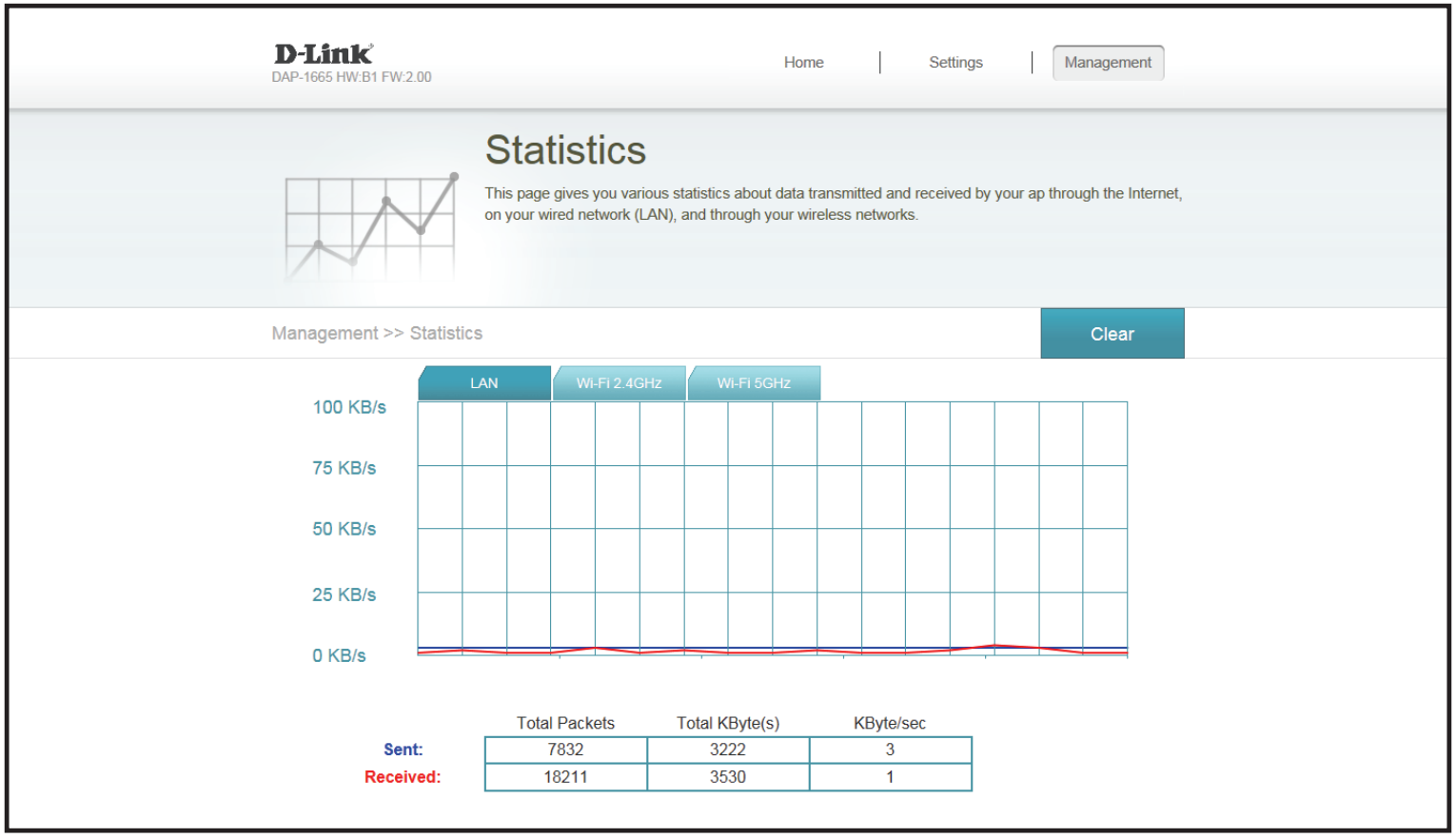
Note: The access point must have an active Internet connection to check for firmware updates.

Check the Latest Firmware and Language Pack Versions: If the above check for firmware and language packs detected updates, the details will be displayed here. Click **Download** to download the update files to your computer.

Upgrade Manually: Click **Select File** to locate a firmware file on your computer. Once located, click **Upload** to commence the firmware upgrade process. It is recommended that you save your current router configuration using the System page before you begin a firmware upgrade.
Warning: You must use a wired connection to the access point to update the firmware.

Statistics

The DAP-1665 keeps statistics of the traffic that passes through it. You can view the amount of packets that pass through the LAN and wireless portions of the network. The traffic counter will reset if the access point is rebooted. Use the tabs at the top of the graph or click **Clear** to clear the statistics.



Connecting to a Wireless Network

WPS Button

Once an uplink network has been established, you may use the DAP-1665's WPS function to add additional wireless clients to your extended network. Many wireless devices such as wireless routers, media players, printers, and cameras will have a WPS button (or a software utility with WPS) that you can press to connect to the DAP-1665. Please refer to the user manual for the wireless device you want to connect to make sure you understand how to enable WPS. Once you know, follow the steps below:

Step 1 - Press the WPS button on the DAP-1665 for about 1 second. The Status/WPS LED on the DAP-1330 will start blinking green. You can also use the WPS option in the setup wizard section of the web interface.

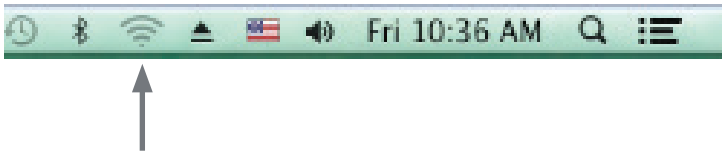
Step 2 - Within 120 seconds, press the WPS button on your wireless device.

Step 3 - Allow up to 1 minute to configure. Once the LED light stops blinking and turns solid green, you will be connected and your wireless connection will be protected with WPA2.

Mac OS

It is recommended to enable wireless security (WPA/WPA2) on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key (Wi-Fi password) being used.

To quickly access your Wi-Fi information and settings, click the Wi-Fi icon on the menu bar.

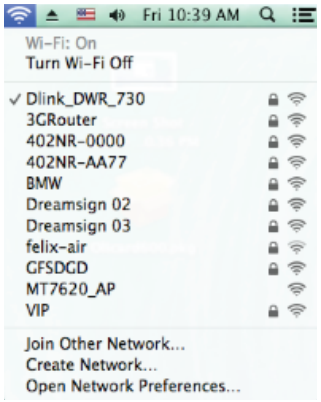


Clicking on this icon will display a list of all wireless networks within range of your computer. Select the desired network by clicking on the network name.

You will then be prompted to enter the network security key (Wi-Fi password) for the wireless network. Enter the password into the box and click **Join**.

Note: To avoid having to enter your network security key each time you connect, check **Remember this network.**

Once the connection is successfully established, you will see a check by the name of your wireless network.



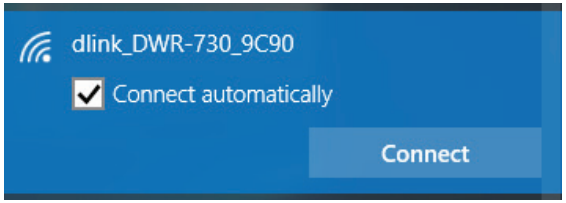
Windows® 10

When connecting to the DAP-1665 wirelessly for the first time, you will need to input the wireless network name (SSID) and Wi-Fi password (security key) of the device you are connecting to. If your product has a Wi-Fi Configuration Card, you can find the default network name and Wi-Fi password here. Otherwise refer to the product label on the device for the default Wi-Fi network SSID and password, or enter the Wi-Fi credentials set during the product configuration.

To join an existing network, locate the wireless network icon in the taskbar, next to the time display and click on it.

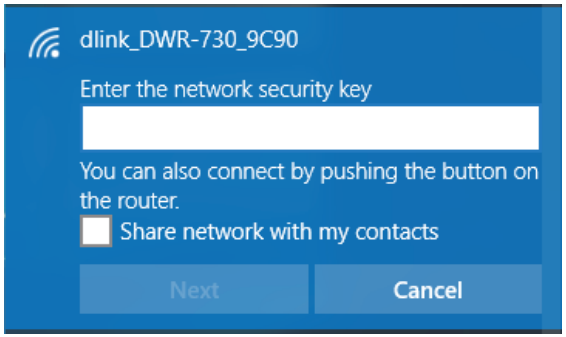
Clicking on this icon will display a list of wireless networks which are within range of your computer. Select the desired network by clicking on the SSID.

To connect to the SSID, click **Connect.**



To automatically connect with the router when your device detects the SSID, click the **Connect Automatically** check box**.**

You will then be prompted to enter the Wi-Fi password (network security key) for the wireless network. Enter the password into the box and click **Next** to connect to the network. Your computer will now automatically connect to this wireless network when it is detected.

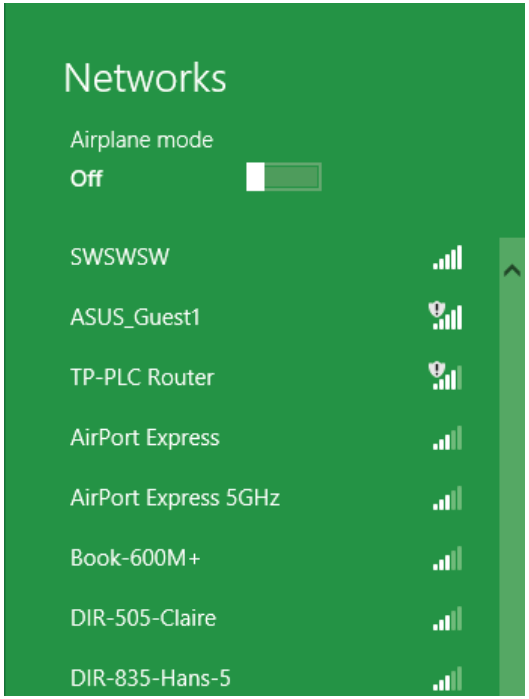


Windows® 8

It is recommended to enable wireless security (WPA/WPA2) on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key (Wi-Fi password) being used.

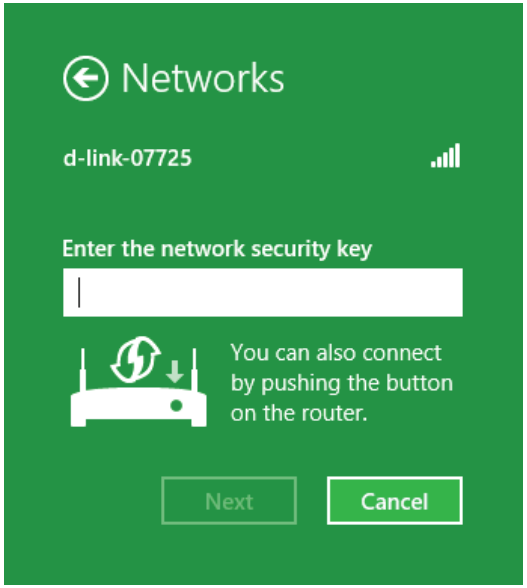
To join an existing network, locate the wireless network icon in the taskbar, next to the time display.

Clicking on this icon will display a list of wireless networks which are within connecting proximity of your computer. Select the desired network by clicking on the network name.

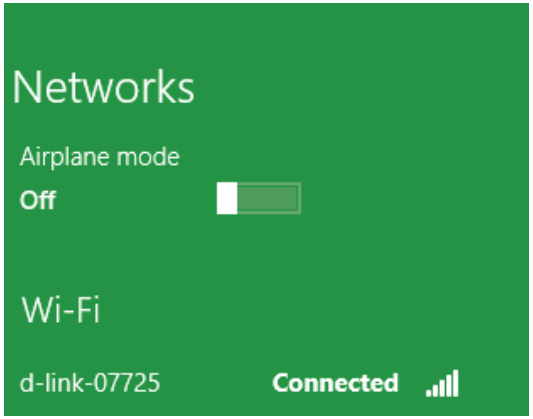


You will then be prompted to enter the network security key (Wi-Fi password) for the wireless network. Enter the password into the box and click **Next**.

If you wish to use Wi-Fi Protected Setup (WPS) to connect to the router, you can also press the WPS button on your router at this point to enable the WPS function.



When you have established a successful connection to a wireless network, the word Connected will appear next to the name of the network to which you are connected.

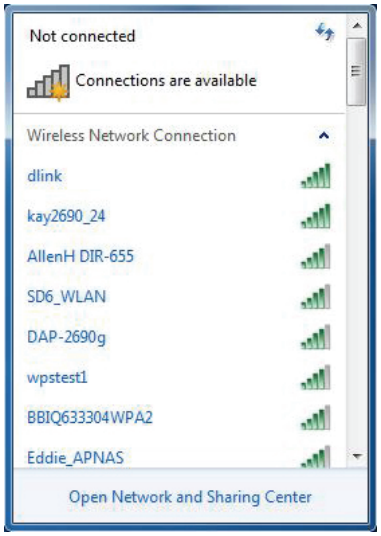


Windows® 7

It is recommended to enable wireless security (WPA/WPA2) on your DAP-1665 before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key or passphrase being used.

Click on the wireless icon in your system tray (lower-right corner).

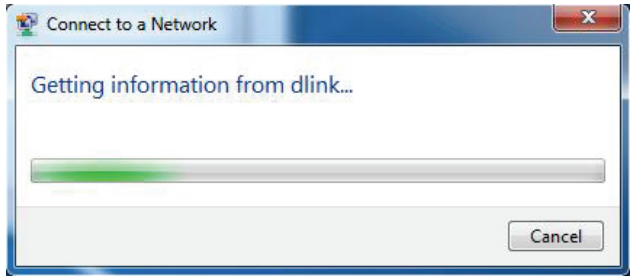
The utility will display any available wireless networks in your area.



Highlight the wireless network (SSID) you would like to connect to and click the **Connect** button. The Wi-Fi Configuration Card will list your device's specific network.

If you get a good signal but cannot access the Internet, check your TCP/IP settings for your wireless adapter.

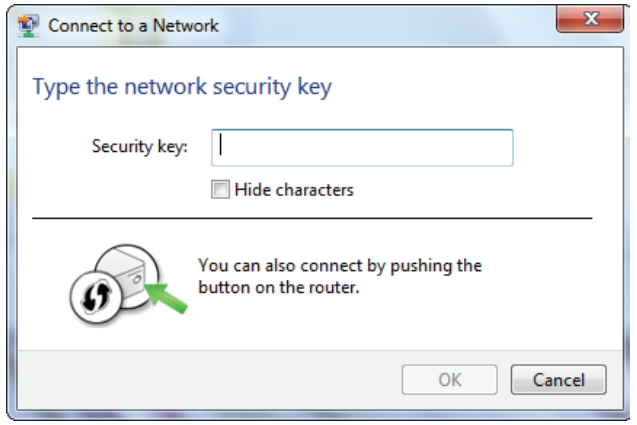
The following window appears while your computer tries to connect to the router.



Enter the same security key or passphrase that is on your DAP-1665 and click **Connect**.

It may take 20-30 seconds to connect to the wireless network. If the connection fails, please verify that the security settings are correct. The key or passphrase must be exactly the same as on the wireless router.

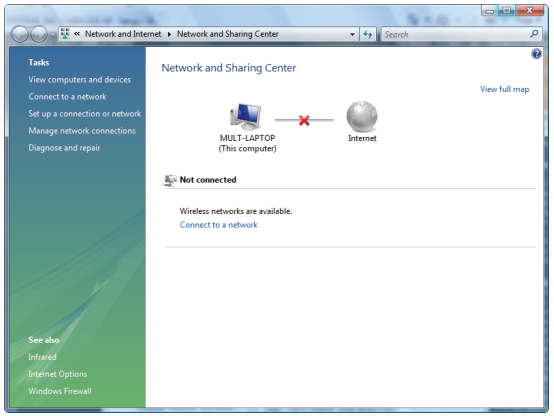
Additionally, you may connect using Wi-Fi Protected Setup (WPS) and Push Button Configuration (PBC). When the window to the right is displayed, press the Simple Connect Button on the DAP-1665.



Windows Vista®

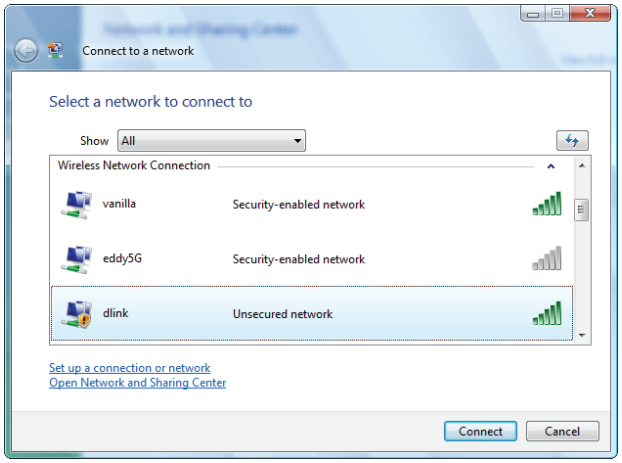
Windows Vista® users may use the built-in wireless utility by following these instructions:

From the **Start menu**, go to **Control Panel**, and then click on **Network and Sharing Center**.



Select **Connect to a network**.

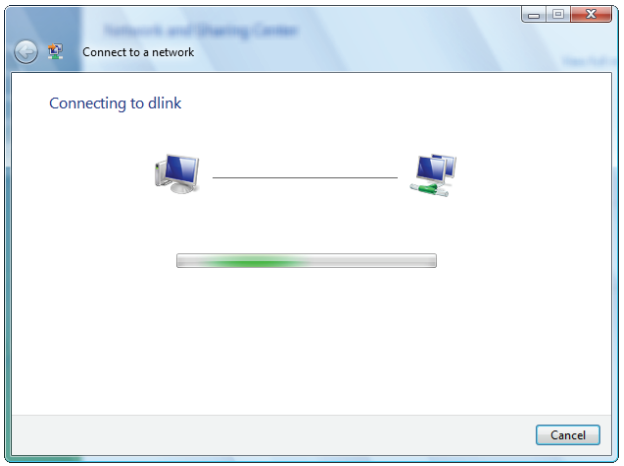
The utility will display any available wireless networks in your area. Click on a network (displayed using the SSID) and click the **Connect** button. The Wi-Fi Configuration Card will list your device's specific network.



If you get a good signal but cannot access the Internet, check your TCP/IP settings for your wireless adapter. Refer to the **Networking Basics** section in this manual for more information.

Click **Connect** to continue.

The utility will display the following window to indicate a connection is being made.



The final window indicates a successful connection has been established.

The next two pages display the windows used to connect to a WPA-PSK wireless network.

Troubleshooting

This chapter provides solutions to problems that can occur during the installation and operation of the DAP-1665. Read the following descriptions if you are having problems.

1. Why can't I access the web-based configuration utility?

When entering the name or IP address of the D-Link access point (**192.168.0.50** for example), you are not connecting to a website on the Internet or have to be connected to the Internet. The device has the utility built-in to a ROM chip in the device itself. Your computer must be on the same IP subnet to connect to the web-based utility.

- Make sure you have an updated Java-enabled web browser. We recommend the following:
    - Microsoft Internet Explorer® 7.0 or higher
    - Mozilla Firefox® 12.0 or higher
    - Google Chrome™ 20.0 or higher
    - Apple Safari® 4.0 or higher
- Verify physical connectivity by checking for solid link lights on the device. If you do not get a solid link light, try using a different cable. If the computer is turned off, the link light may not be on.
- Disable any Internet security software running on the computer. Software firewalls such as ZoneAlarm, BlackICE, Sygate, Norton Personal Firewall, and Windows® XP firewall may block access to the configuration pages. Check the help files included with your firewall software for more information on disabling or configuring it.

• Configure your Internet settings:

  • Go to **Start > Settings > Control Panel**. Double-click the **Internet Options** Icon. From the Security tab, click the button to restore the settings to their defaults.

  • Click the Connection tab and set the dial-up option to Never Dial a Connection. Click the LAN Settings button. Make sure nothing is checked. Click OK.

  • Go to the Advanced tab and click the button to restore these settings to their defaults. Click OK three times.

  • Close your web browser (if open) and open it.

• Access the web management. Open your web browser and enter the IP address of your D-Link access point in the address bar. This should open the login page for your the web management.

• If you still cannot access the configuration, unplug the power to the access point for 10 seconds and plug back in. Wait about 30 seconds and try accessing the configuration. If you have multiple computers, try connecting using a different computer.

2. What can I do if I forgot my password?

If you forgot your password, you must reset your access point. Unfortunately this process will change all your settings back to the factory defaults.

To reset the access point, locate the reset button (hole) on the rear panel of the unit. With the access point powered on, use a paperclip to hold the button down for 10 seconds. Release the button and the access point will go through its reboot process. Wait about 30 seconds to access the access point. The default IP address is **192.168.0.50**. When logging in, the username is Admin and leave the password box empty.

3. Why can't I connect to certain sites or send and receive emails when connecting through my access point?

If you are having a problem sending or receiving email, or connecting to secure sites such as eBay, banking sites, and Live mail, we suggest lowering the MTU in increments of ten (Ex. 1492, 1482, 1472, etc).

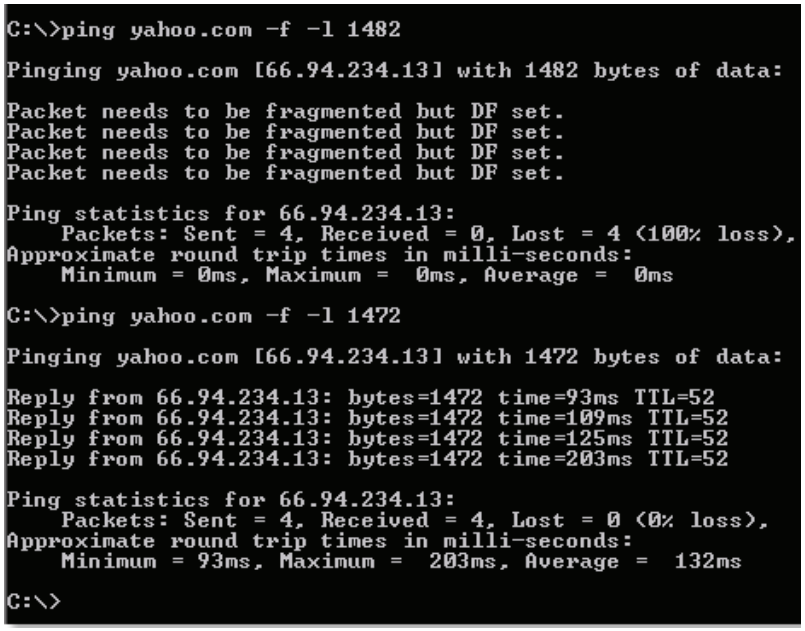
Note: AOL DSL+ users must use MTU of 1400.

To find the proper MTU Size, you'll have to do a special ping of the destination you're trying to go to. A destination could be another computer, or a URL.

- Click on **Start** and then click **Run**.
- Windows® 95, 98, and ME users type in *command* (Windows® NT, 2000, and XP users type in cmd) and press **Enter** (or click **OK**).
- Once the window opens, you'll need to do a special ping. Use the following syntax:

  ping [url] [-f] [-l] [MTU value]

Example: **ping yahoo.com -f -l 1472**



You should start at 1472 and work your way down by 10 each time. Once you get a reply, go up by 2 until you get a fragmented packet. Take that value and add 28 to the value to account for the various TCP/IP headers. For example, lets say that 1452 was the proper value, the actual MTU size would be 1480, which is the optimum for the network we're working with (1452+28=1480).

Once you find your MTU, you can now configure your access point with the proper MTU size.

To change the MTU rate on your access point follow the steps below:

- Open your browser, enter the IP address of your access point (**192.168.0.50**) and click **OK.**
- Enter your username (Admin) and password (blank by default). Click **OK** to enter the web configuration page for the device.
- Click on **Setup** and then click **Manual Configure.**
- To change the MTU enter the number in the MTU field and click **Save Settings** to save your settings.
- Test your email. If changing the MTU does not resolve the problem, continue changing the MTU in increments of ten.

Technical Specifications

Standards
- IEEE 802.11ac
- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.11a
- IEEE 802.3
- IEEE 802.3u

Security
- WPA/WPA2
  - Personal
  - Enterprise
- WEP
- WPS

Wireless Signal Rate
- Up to 1200 Mbps[1]

Maximum Transmission Power[2]
- 2.4 GHz
  - 11n: 21 dBm
  - 11g: 19 dBm
  - 11b: 20 dBm
- 5 GHz
  - 11ac: 22 dBm
  - 11a: 21 dBm
  - 11n: 22 dBm

Maximum Operating Voltage
- 12 V 1A

Power Consumption
- 5.7 W

Frequency Range[3]
- 2.4 GHz Band:
  - 2.4 GHz to 2.4835 GHz
- 5 GHz Band:
  - 5.15 GHz to 5.35 GHz
  - 5.47 GHz to 5.85 GHz

Antennas
- Two 5 dBi antennas (2.4 GHz and 5 GHz)[2]

LEDs
- Power
- 2.4 GHz wireless
- 5 GHz wireless
- LAN

Temperature
- Operating
  - 0 to 40 °C (32 °F to 104 °F)
- Storage
  - -20 to 65 °C (-4 to 149 °F)

Humidity
- Operating
  - 10 - 90% (non-condensing)
- Storage
  - 5 - 95% (non-condensing)

Safety & Emissions
- CE
- FCC
- TELEC
- ISED
- VCCI

Dimensions
- 47 x 108 x 27.8 mm (5.79 x 4.25 x 1.1 inches)

Weight
- 229 grams (8.07 ounces)

[1] Maximum wireless signal rate derived from IEEE Standard 802.11ac, 802.11n and 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental conditions will adversely affect wireless signal range.

[2] All maximum transmission power values expressed are for dual-chain mode. Maximum transmission power and included antennas may vary depending on regional regulations.

[3] Range may vary depending on regional regulations.

GPL Code Statement

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Regulatory Statements

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Non-modifications Statement:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Caution:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures. For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Note

The country code selection is for non-USA models only and is not available to all USA models. Per FCC regulations, all WiFi product marketed in the USA must be fixed to USA operational channels only.

RF Frequency Requirements

This device is for indoor use only when using all channels in the 5.150-5.250 GHz frequency range. High power radars are allocated as primary users of the 5.250-5.350 GHz bands. These radar stations can cause interference with and/or damage this device. This device will not operate on channels which overlap the 5600-5650 MHz band.

It is restricted to indoor environments only.

IMPORTANT NOTICE:

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Innovation, Science and Economic Development Canada (ISED) Statement:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Innovation, Science and Economic Development Canada (ISED) Statement:

This device complies with ISED licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(ii) for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;

(ii) pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis pour les dispositifs utilisant les bandes de 5250 à 5350 MHz et de 5470 à 5725 MHz doit être conforme à la limite de la p.i.r.e;

(iii) for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate;

(iii) pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5725 à 5850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée pour l'exploitation point à point et l'exploitation non point à point, selon le cas;

(iv) the worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3) shall be clearly indicated.

(iv) les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e.applicable au masque d'élévation, et énoncée à la section 6.2.2(3), doivent être clairement indiqués.

Operations in the 5.25-5.35 GHz band are restricted to indoor usage only.

Les opérations dans la bande de 5.25-5.35 GHz sont limités à un usage intérieur seulement.

For transmitters equipped with detachable antennas. This radio transmitter (IC: 4216A-AP1665B1) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (IC: 4216A-AP1665B1) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Table for Filed Antenna

Ant.	Brand	P/N	Antenna Type	Connector	Antenna Gain (dBi)		Cable Loss (dBi)		True Gain (dBi)	
					2.4 G	5 G	2.4 G	5 G	2.4 G	5 G
1	Whayu and Ren Feng (second source)	290-20187	Dipole Antenna	SMA Plug Reverse	5.12	5.10	0	0	5.12	5.10

Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Japan Voluntary Control Council for Interference Statement

この装置は、クラス B情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。 VCCI-B

Japan Voluntary Control Council for Interference Statement

This is a Class B product based on the standard of the VCCI Council. If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

電波法により5GHz帯は屋内使用に限ります。

CE

	Frequency Band(s) **Frequenzband** **Fréquence bande(s)** **Bandas de Frecuencia** **Frequenza/e** **Frequentie(s)**	**Max. Output Power (EIRP)** **Max. Output Power** **Consommation d'énergie max.** **Potencia máxima de Salida** **Potenza max. Output** **Max. Output Power**
5 G	5.15 – 5.25 GHz	200 mW
	5.25 – 5.35 GHz	200 mW
	5.47 – 5.725 GHz	1 W
2.4 G	2.4 – 2.4835 GHz	100 mW

European Community Declaration of Conformity:

Česky [Czech]	Tímto D-Link Corporation prohlašuje, že tento produkt, jeho příslušenství a software jsou v souladu se směrnicí 2014/53/EU. Celý text ES prohlášení o shodě vydaného EU a o firmwaru produktu lze stáhnout na stránkách k produktu www.dlink.com.
Dansk [Danish]	D-Link Corporation erklærer herved, at dette produkt, tilbehør og software er i overensstemmelse med direktiv 2014/53/EU. Den fulde tekst i EU-overensstemmelseserklæringen og produktfirmware kan wnloades fra produktsiden hos www.dlink.com.
Deutsch [German]	Hiermit erklärt die D-Link Corporation, dass dieses Produkt, das Zubehör und die Software der Richtlinie 2014/53/EU entsprechen. Der vollständige Text der Konformitätserklärung der Europäischen Gemeinschaft sowie die Firmware zum Produkt stehen Ihnen zum Herunterladen von der Produktseite im Internet auf www.dlink.com zur Verfügung.
Eesti [Estonian]	Käesolevaga kinnitab D-Link Corporation, et see toode, tarvikud ja tarkvara on kooskõlas direktiiviga 2014/53/EL. Euroopa Liidu vastavusdeklaratsiooni täistekst ja toote püsivara on allalaadimiseks saadaval tootelehel www.dlink.com.
English	Hereby, D-Link Corporation, declares that this product, accessories, and software are in compliance with directive 2014/53/EU. The full text of the EU Declaration of Conformity and product firmware are available for download from the product page at www.dlink.com
Español [Spanish]	Por la presente, D-Link Corporation declara que este producto, accesorios y software cumplen con las directivas 2014/53/UE. El texto completo de la declaración de conformidad de la UE y el firmware del producto están disponibles y se pueden descargar desde la página del producto en www.dlink.com.
Ελληνική [Greek]	Με την παρούσα, η D-Link Corporation δηλώνει ότι αυτό το προϊόν, τα αξεσουάρ και το λογισμικό συμμορφώνονται με την Οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης της ΕΕ και το υλικολογισμικό του προϊόντος είναι διαθέσιμα για λήψη από τη σελίδα του προϊόντος στην τοποθεσία www.dlink.com.
Français [French]	Par les présentes, D-Link Corporation déclare que ce produit, ces accessoires et ce logiciel sont conformes aux directives 2014/53/UE.Le texte complet de la déclaration de conformité de l'UE et le icroprogramme du produit sont disponibles au téléchargement sur la page des produits à www.dlink.com.
Italiano [Italian]	Con la presente, D-Link Corporation dichiara che questo prodotto, i relativi accessori e il software sono conformi alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE e il firmware del prodotto sono disponibili per il download dalla pagina del prodotto su www.dlink.com.

Latviski [Latvian]	Ar šo uzņēmums D-Link Corporation apliecina, ka šis produkts, piederumi un programmatūra atbilst direktīvai 2014/53/ES. ES atbilstības deklarācijas pilno tekstu un produkta aparātprogrammatūru var lejupielādēt attiecīgā produkta lapā vietnē www.dlink.com.
Lietuvių [Lithuanian]	Šiuo dokumentu „D-Link Corporation“ pareiškia, kad šis gaminys, priedai ir programinė įranga atitinka direktyvą 2014/53/ES. Visą ES atitikties deklaracijos tekstą ir gaminio programinę aparatinę įrangą galima atsisiųsti iš gaminio puslapio adresu www.dlink.com.
Nederlands [Dutch]	Hierbij verklaart D-Link Corporation dat dit product, accessoires en software voldoen aan de richtlijnen 2014/53/EU. De volledige tekst van de EU conformiteitsverklaring en productfirmware is beschikbaar voor download van de productpagina op www.dlink.com.
Malti [Maltese]	Bil-preżenti, D-Link Corporation tiddikjara li dan il-prodott, l-aċċessorji, u s-software huma konformi mad-Direttiva 2014/53/UE. Tista' tniżżel it-test sħiħ tad-dikjarazzjoni ta' konformità tal-UE u l-firmware tal-prodott mill-paġna tal-prodott fuq www.dlink.com.
Magyar [Hungarian]	Ezennel a D-Link Corporation kijelenti, hogy a jelen termék, annak tartozékai és szoftvere megfelelnek a 2014/53/EU sz. rendeletek rendelkezéseinek. Az EU Megfelelőségi nyilatkozat teljes szövege és a termék firmware a termék oldaláról tölthető le a www.dlink.com címen.
Polski [Polish]	D-Link Corporation niniejszym oświadcza, że ten produkt, akcesoria oraz oprogramowanie są zgodne z dyrektywami 2014/53/EU. Pełen tekst deklaracji zgodności UE oraz oprogramowanie sprzętowe do produktu można pobrać na stronie produktu w witrynie www.dlink.com.
Português [Portuguese]	Desta forma, a D-Link Corporation declara que este produto, os acessórios e o software estão em conformidade com a diretiva 2014/53/UE. O texto completo da declaração de conformidade da UE e do firmware
Slovensko[Slovenian]	Podjetje D-Link Corporation s tem izjavlja, da so ta izdelek, dodatna oprema in programska oprema skladni z direktivami 2014/53/EU. Celotno besedilo izjave o skladnosti EU in vdelana programska oprema sta na voljo za prenos na strani izdelka na www.dlink.com.
Slovensky [Slovak]	Spoločnosť D-Link týmto vyhlasuje, že tento produkt, príslušenstvo a softvér sú v súlade so smernicou 214/53/EÚ. Úplné znenie vyhlásenia EÚ o zhode a firmvéri produktu sú k dispozícii na prevzatie zo stránky produktu www.dlink.com.
Suomi [Finnish]	D-Link Corporation täten vakuuttaa, että tämä tuote, lisävarusteet ja ohjelmisto ovat direktiivin 2014/53/EU vaatimusten mukaisia. Täydellinen EU-vaatimustenmukaisuusvakuutus samoin kuin tuotteen laiteohjelmisto ovat ladattavissa osoitteesta www.dlink.com.

Svenska[Swedish]	D-Link Corporation försäkrar härmed att denna produkt, tillbehör och programvara överensstämmer med direktiv 2014/53/EU. Hela texten med EU-försäkran om överensstämmelse och produkt-firmware kan hämtas från produktsidan på www.dlink.com.
Íslenska [Icelandic]	Hér með lýsir D-Link Corporation því yfir að þessi vara, fylgihlutir og hugbúnaður eru í samræmi við tilskipun 2014/53/EB. Sækja má ESB-samræmisyfirlýsinguna í heild sinni og fastbúnað vörunnar af vefsíðu vörunnar á www.dlink.com.
Norsk [Norwegian]	Herved erklærer D-Link Corporation at dette produktet, tilbehøret og programvaren er i samsvar med direktivet 2014/53/EU. Den fullstendige teksten i EU-erklæring om samsvar og produktets fastvare er tilgjengelig for nedlasting fra produktsiden på www.dlink.com.

Warning Statement:

The power outlet should be near the device and easily accessible.

NOTICE OF WIRELESS RADIO LAN USAGE IN THE EUROPEAN COMMUNITY (FOR WIRELESS PRODUCT ONLY):

- This device is restricted to indoor use when operated in the European Community using channels in the 5.15-5.35 GHz band to reduce the potential for interference.
- This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries. This equipment may be operated in AL, AD, BE, BG, DK, DE, FI, FR, GR, GW, IS, IT, HR, LI, LU, MT, MK, MD, MC, NL, NO, AT, PL, PT, RO, SM, SE, RS, SK, ES, CI, HU, and CY.

Usage Notes:

- To remain in conformance with European National spectrum usage regulations, frequency and channel limitations will be applied on the products according to the country where the equipment will be deployed.
- This device is restricted from functioning in Ad-hoc mode while operating in 5 GHz. Ad-hoc mode is direct peer-to-peer communication between two client devices without an Access Point.
- Access points will support DFS (Dynamic Frequency Selection) and TPC (Transmit Power Control) functionality as required when operating in 5 GHz band within the EU.
- Please refer to the product manual or datasheet to check whether your product uses 2.4 GHz and/or 5 GHz wireless.

HINWEIS ZUR VERWENDUNG VON DRAHTLOS-NETZWERK (WLAN) IN DER EUROPÄISCHEN GEMEINSCHAFT (NUR FÜR EIN DRAHTLOSES PRODUKT)

- Der Betrieb dieses Geräts in der Europäischen Gemeinschaft bei Nutzung von Kanälen im 5,15-5,35 GHz Frequenzband ist ausschließlich auf Innenräume beschränkt, um das Interferenzpotential zu reduzieren.
- Bei diesem Gerät handelt es sich um ein zum Einsatz in allen EU-Mitgliedsstaaten und in EFTA-Ländern - ausgenommen Frankreich. Der Betrieb dieses Geräts ist in den folgenden Ländern erlaubt: AL, AD, BE, BG, DK, DE, FI, FR, GR, GW, IS, IT, HR, LI, LU, MT, MK, MD, MC, NL, NO, AT, PL, PT, RO, SM, SE, RS, SK, ES, CI, HU, CY

Gebrauchshinweise:

- Um den in Europa geltenden nationalen Vorschriften zum Nutzen des Funkspektrums weiterhin zu entsprechen, werden Frequenz und Kanalbeschränkungen, dem jeweiligen Land, in dem das Gerät zum Einsatz kommt, entsprechend, auf die Produkte angewandt.
- Die Funktionalität im Ad-hoc-Modus bei Betrieb auf 5 GHz ist für dieses Gerät eingeschränkt. Bei dem Ad-hoc-Modus handelt es sich um eine Peer-to-Peer-Kommunikation zwischen zwei Client-Geräten ohneeinen Access Point.
- Access Points unterstützen die Funktionen DFS (Dynamic Frequency Selection) und TPC (Transmit Power Control) wie erforderlich bei Betrieb auf 5 GHz innerhalb der EU.
- Bitte schlagen Sie im Handbuch oder Datenblatt nach nach, ob Ihr Gerät eine 2,4 GHz und / oder 5 GHz Verbindung nutzt.

AVIS CONCERNANT L'UTILISATION DE LA RADIO SANS FIL LAN DANS LA COMMUNAUTÉ EUROPÉENNE (UNIQUEMENT POUR LES PRODUITS SANS FIL)

- Cet appareil est limité à un usage intérieur lorsqu'il est utilisé dans la Communauté européenne sur les canaux de la bande de 5,15 à 5,35 GHz afin de réduire les risques d'interférences.
- Cet appareil est un système de transmission à large bande (émetteur-récepteur) de 2,4 GHz, destiné à être utilisé dans tous les États-membres de l'UE et les pays de l'AELE. Cet équipement peut être utilisé dans les pays suivants : AL, AD, BE , BG, DK, DE, FI, FR, GR, GW, IS, IT, HR, LI, LU, MT , MK, MD, MC, NL, NO, AT, PL, PT, RO, SM, SE, RS, SK, ES, CI, HU, CY

Notes d'utilisation:

- Pour rester en conformité avec la réglementation nationale européenne en matière d'utilisation du spectre, des limites de fréquence et de canal seront appliquées aux produits selon le pays où l'équipement sera déployé.
- Cet appareil ne peut pas utiliser le mode Ad-hoc lorsqu'il fonctionne dans la bande de 5 GHz. Le mode Adhoc fournit une communication directe pair à pair entre deux périphériques clients sans point d'accès.
- Les points d'accès prendront en charge les fonctionnalités DFS (Dynamic Frequency Selection) et TPC (Transmit Power Control) au besoin lors du fonctionnement dans la bande de 5 GHz au sein de l'UE.
- Merci de vous référer au guide d'utilisation ou de la fiche technique afin de vérifier si votre produit utilise 2.4 GHz et/ou 5 GHz sans fil.

AVISO DE USO DE LA LAN DE RADIO INALÁMBRICA EN LA COMUNIDAD EUROPEA (SOLO PARA EL PRODUCTO INALÁMBRICO)

- El uso de este dispositivo está restringido a interiores cuando funciona en la Comunidad Europea utilizando canales en la banda de 5,15-5,35 GHz, para reducir la posibilidad de interferencias.
- Este dispositivo es un sistema de transmisión (transceptor) de banda ancha de 2,4 GHz, pensado para su uso en todos los estados miembros de la UE y en los países de la AELC. Este equipo se puede utilizar en AL, AD, BE, BG, DK, DE, FI, FR, GR, GW, IS, IT, HR, LI, LU, MT, MK, MD, MC, NL, NO, AT, PL, PT, RO, SM, SE, RS, SK, ES, CI, HU, CY

Notas de uso:

- Para seguir cumpliendo las normas europeas de uso del espectro nacional, se aplicarán limitaciones de frecuencia y canal en los productos en función del país en el que se pondrá en funcionamiento el equipo.
- Este dispositivo tiene restringido el funcionamiento en modo Ad-hoc mientras funcione a 5 Ghz. El modo Ad-hoc es la comunicación directa de igual a igual entre dos dispositivos cliente sin un punto de acceso.
- Los puntos de acceso admitirán la funcionalidad DFS (Selección de frecuencia dinámica) y TPC (Control de la potencia de transmisión) si es necesario cuando funcionan a 5 Ghz dentro de la UE.
- Por favor compruebe el manual o la ficha de producto para comprobar si el producto utiliza las bandas inalámbricas de 2.4 GHz y/o la de 5 GHz.

AVVISO PER L'USO DI LAN RADIO WIRELESS NELLA COMUNITÀ EUROPEA (SOLO PER PRODOTTI WIRELESS)

- Nella Comunità europea, l'uso di questo dispositivo è limitato esclusivamente agli ambienti interni sui canali compresi nella banda da 5,15 a 5,35 GHz al fine di ridurre potenziali interferenze. Questo dispositivo è un sistema di trasmissione a banda larga a 2,4 GHz (ricetrasmittente), destinato all'uso in tutti gli stati membri dell'Unione europea e nei paesi EFTA.
- Questo dispositivo può essere utilizzato in AL, AD, BE, BG, DK, DE, FI, FR, GR, GW, IS, IT, HR, LI, LU, MT, MK, MD, MC, NL, NO, AT, PL, PT, RO, SM, SE, RS, SK, ES, CI, HU, CY

Note per l'uso

- Al fine di mantenere la conformità alle normative nazionali europee per l'uso dello spettro di frequenze, saranno applicate limitazioni sulle frequenze e sui canali per il prodotto in conformità alle normative del paese in cui il dispositivo viene utilizzato.
- Questo dispositivo non può essere attivato in modalità Ad-hoc durante il funzionamento a 5 Ghz. La modalità Ad-hoc è una comunicazione diretta peer-to-peer fra due dispositivi client senza un punto di accesso.
- I punti di accesso supportano le funzionalità DFS (Dynamic Frequency Selection) e TPC (Transmit Power Control) richieste per operare a 5 Ghz nell'Unione europea.
- Ti invitiamo a fare riferimento al manuale del prodotto o alla scheda tecnica per verificare se il tuo prodotto utilizza le frequenze 2,4 GHz e/o 5 GHz.

KENNISGEVING VAN DRAADLOOS RADIO LAN-GEBRUIK IN DE EUROPESE GEMEENSCHAP (ALLEEN VOOR DRAADLOOS PRODUCT)

- Dit toestel is beperkt tot gebruik binnenshuis wanneer het wordt gebruikt in de Europese Gemeenschap gebruik makend van kanalen in de 5.15-5.35 GHz band om de kans op interferentie te beperken.
- Dit toestel is een 2.4 GHz breedband transmissiesysteem (transceiver) dat bedoeld is voor gebruik in alle EU lidstaten en EFTA landen. Deze uitrusting mag gebruikt worden in AL, AD, BE, BG, DK, DE, FI, FR, GR, GW, IS, IT, HR, LI, LU, MT, MK, MD, MC, NL, NO, AT, PL, PT, RO, SM, SE, RS, SK, ES, CI, HU, CY

Gebruiksaanwijzingen:

- Om de gebruiksvoorschriften van het Europese Nationale spectrum na te leven, zullen frequentie- en kanaalbeperkingen worden toegepast op de producten volgens het land waar de uitrusting gebruikt zal worden.
- Dit toestel kan niet functioneren in Ad-hoc mode wanneer het gebruikt wordt in 5 GHz. Ad-hoc mode is directe peer-to-peer communicatie tussen twee klantenapparaten zonder een toegangspunt.
- Toegangspunten ondersteunen DFS (Dynamic Frequency Selection) en TPC (Transmit Power Control) functionaliteit zoals vereist bij gebruik in 5 GHz binnen de EU.
- Raadpleeg de handleiding of de datasheet om te controleren of uw product gebruik maakt van 2.4 GHz en/of 5 GHz.

SAFETY INSTRUCTIONS

The following general safety guidelines are provided to help ensure your own personal safety and protect your product from potential damage. Remember to consult the product user instructions for more details.

- Static electricity can be harmful to electronic components. Discharge static electricity from your body (i.e. touching grounded bare metal) before touching the product.
- Do not attempt to service the product and never disassemble the product. For some products with a user replaceable battery, please read and follow the instructions in the user manual.
- Do not spill food or liquid on your product and never push any objects into the openings of your product.
- Do not use this product near water, areas with high humidity, or condensation unless the product is specifically rated for outdoor application.
- Keep the product away from radiators and other heat sources.
- Always unplug the product from mains power before cleaning and use a dry lint free cloth only.

SICHERHEITSVORSCHRIFTEN

Die folgenden allgemeinen Sicherheitsvorschriften dienen als Hilfe zur Gewährleistung Ihrer eigenen Sicherheit und zum Schutz Ihres Produkts. Weitere Details finden Sie in den Benutzeranleitungen zum Produkt.

- Statische Elektrizität kann elektronischen Komponenten schaden. Um Schäden durch statische Aufladung zu vermeiden, leiten Sie elektrostatische Ladungen von Ihrem Körper ab,
  (z. B. durch Berühren eines geerdeten blanken Metallteils), bevor Sie das Produkt berühren.
- Unterlassen Sie jeden Versuch, das Produkt zu warten, und versuchen Sie nicht, es in seine Bestandteile zu zerlegen. Für einige Produkte mit austauschbaren Akkus lesen Sie bitte das Benutzerhandbuch und befolgen Sie die dort beschriebenen Anleitungen.
- Vermeiden Sie, dass Speisen oder Flüssigkeiten auf Ihr Produkt gelangen, und stecken Sie keine Gegenstände in die Gehäuseschlitze oder -öffnungen Ihres Produkts.
- Verwenden Sie dieses Produkt nicht in unmittelbarer Nähe von Wasser und nicht in Bereichen mit hoher Luftfeuchtigkeit oder Kondensation, es sei denn, es ist speziell zur Nutzung in Außenbereichen vorgesehen und eingestuft.
- Halten Sie das Produkt von Heizkörpern und anderen Quellen fern, die Wärme erzeugen.
- Trennen Sie das Produkt immer von der Stromzufuhr, bevor Sie es reinigen und verwenden Sie dazu ausschließlich ein trockenes fusselfreies Tuch.

CONSIGNES DE SÉCURITÉ

Les consignes générales de sécurité ci-après sont fournies afin d'assurer votre sécurité personnelle et de protéger le produit d'éventuels dommages. Veuillez consulter les consignes d'utilisation du produit pour plus de détails.

- L'électricité statique peut endommager les composants électroniques. Déchargez l'électricité statique de votre corps (en touchant un objet en métal relié à la terre par exemple) avant de toucher le produit.
- N'essayez pas d'intervenir sur le produit et ne le démontez jamais. Pour certains produits contenant une batterie remplaçable par l'utilisateur, veuillez lire et suivre les consignes contenues dans le manuel d'utilisation.
- Ne renversez pas d'aliments ou de liquide sur le produit et n'insérez jamais d'objets dans les orifices.
- N'utilisez pas ce produit à proximité d'un point d'eau, de zones très humides ou de condensation sauf si le produit a été spécifiquement conçu pour une application extérieure.
- Éloignez le produit des radiateurs et autres sources de chaleur.
- Débranchez toujours le produit de l'alimentation avant de le nettoyer et utilisez uniquement un chiffon sec non pelucheux.

INSTRUCCIONES DE SEGURIDAD

Las siguientes directrices de seguridad general se facilitan para ayudarle a garantizar su propia seguridad personal y para proteger el producto frente a posibles daños. No olvide consultar las instrucciones del usuario del producto para obtener más información.

- La electricidad estática puede resultar nociva para los componentes electrónicos. Descargue la electricidad estática de su cuerpo (p. ej., tocando algún metal sin revestimiento conectado a tierra) antes de tocar el producto.
- No intente realizar el mantenimiento del producto ni lo desmonte nunca. Para algunos productos con batería reemplazable por el usuario, lea y siga las instrucciones del manual de usuario.
- No derrame comida o líquidos sobre el producto y nunca deje que caigan objetos en las aberturas del mismo.
- No utilice este producto cerca del agua, en zonas con humedad o condensación elevadas a menos que el producto esté clasificado específicamente para aplicación en exteriores.
- Mantenga el producto alejado de los radiadores y de otras fuentes de calor.
- Desenchufe siempre el producto de la alimentación de red antes de limpiarlo y utilice solo un paño seco sin pelusa.

ISTRUZIONI PER LA SICUREZZA

Le seguenti linee guida sulla sicurezza sono fornite per contribuire a garantire la sicurezza personale degli utenti e a proteggere il prodotto da potenziali danni. Per maggiori dettagli, consultare le istruzioni per l'utente del prodotto.

- L'elettricità statica può essere pericolosa per i componenti elettronici. Scaricare l'elettricità statica dal corpo (ad esempio toccando una parte metallica collegata a terra) prima di toccare il prodotto.
- Non cercare di riparare il prodotto e non smontarlo mai. Per alcuni prodotti dotati di batteria sostituibile dall'utente, leggere e seguire le istruzioni riportate nel manuale dell'utente.
- Non versare cibi o liquidi sul prodotto e non spingere mai alcun oggetto nelle aperture del prodotto.
- Non usare questo prodotto vicino all'acqua, in aree con elevato grado di umidità o soggette a condensa a meno che il prodotto non sia specificatamente approvato per uso in ambienti esterni.
- Tenere il prodotto lontano da caloriferi e altre fonti di calore.
- Scollegare sempre il prodotto dalla presa elettrica prima di pulirlo e usare solo un panno asciutto che non lasci filacce.

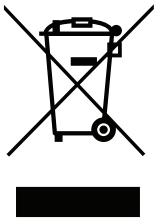
VEILIGHEIDSINFORMATIE

De volgende algemene veiligheidsinformatie werd verstrekt om uw eigen persoonlijke veiligheid te waarborgen en uw product te beschermen tegen mogelijke schade. Denk eraan om de gebruikersinstructies van het product te raadplegen voor meer informatie.

- Statische elektriciteit kan schadelijk zijn voor elektronische componenten. Ontlaad de statische elektriciteit van uw lichaam (d.w.z. het aanraken van geaard bloot metaal) voordat uhet product aanraakt.
- U mag nooit proberen het product te onderhouden en u mag het product nooit demonteren. Voor sommige producten met door de gebruiker te vervangen batterij, dient u de instructies in de gebruikershandleiding te lezen en te volgen.
- Mors geen voedsel of vloeistof op uw product en u mag nooit voorwerpen in de openingen van uw product duwen.
- Gebruik dit product niet in de buurt van water, gebieden met hoge vochtigheid of condensatie, tenzij het product specifiek geclassificeerd is voor gebruik buitenshuis.
- Houd het product uit de buurt van radiators en andere warmtebronnen.
- U dient het product steeds los te koppelen van de stroom voordat u het reinigt en gebruik uitsluitend een droge pluisvrije doek.

Disposing of and Recycling Your Product

ENGLISH EN



This symbol on the product or packaging means that according to local laws and regulations this product should be not be disposed of in household waste but sent for recycling. Please take it to a collection point designated by your local authorities once it has reached the end of its life, some will accept products for free. By recycling the product and its packaging in this manner you help to conserve the environment and protect human health.

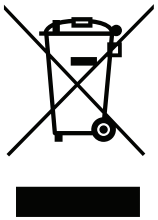
D-Link and the Environment

At D-Link, we understand and are committed to reducing any impact our operations and products may have on the environment. To minimise this impact D-Link designs and builds its products to be as environmentally friendly as possible, by using recyclable, low toxic materials in both products and packaging.

D-Link recommends that you always switch off or unplug your D-Link products when they are not in use. By doing so you will help to save energy and reduce CO2 emissions.

To learn more about our environmentally responsible products and packaging please visit **www.dlinkgreen.com**.

DEUTSCH DE



Dieses Symbol auf dem Produkt oder der Verpackung weist darauf hin, dass dieses Produkt gemäß bestehender örtlicher Gesetze und Vorschriften nicht über den normalen Hausmüll entsorgt werden sollte, sondern einer Wiederverwertung zuzuführen ist. Bringen Sie es bitte zu einer von Ihrer Kommunalbehörde entsprechend amtlich ausgewiesenen Sammelstelle, sobald das Produkt das Ende seiner Nutzungsdauer erreicht hat. Für die Annahme solcher Produkte erheben einige dieser Stellen keine Gebühren. Durch ein auf diese Weise durchgeführtes Recycling des Produkts und seiner Verpackung helfen Sie, die Umwelt zu schonen und die menschliche Gesundheit zu schützen.

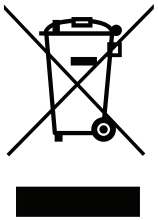
D-Link und die Umwelt

D-Link ist sich den möglichen Auswirkungen seiner Geschäftstätigkeiten und seiner Produkte auf die Umwelt bewusst und fühlt sich verpflichtet, diese entsprechend zu mindern. Zu diesem Zweck entwickelt und stellt D-Link seine Produkte mit dem Ziel größtmöglicher Umweltfreundlichkeit her und verwendet wiederverwertbare, schadstoffarme Materialien bei Produktherstellung und Verpackung.

D-Link empfiehlt, Ihre Produkte von D-Link, wenn nicht in Gebrauch, immer auszuschalten oder vom Netz zu nehmen. Auf diese Weise helfen Sie, Energie zu sparen und CO2-Emissionen zu reduzieren.

Wenn Sie mehr über unsere umweltgerechten Produkte und Verpackungen wissen möchten, finden Sie entsprechende Informationen im Internet unter **www.dlinkgreen.com**.

FRANÇAIS FR



Ce symbole apposé sur le produit ou son emballage signifie que, conformément aux lois et règlementations locales, ce produit ne doit pas être éliminé avec les déchets domestiques mais recyclé. Veuillez le rapporter à un point de collecte prévu à cet effet par les autorités locales; certains accepteront vos produits gratuitement. En recyclant le produit et son emballage de cette manière, vous aidez à préserver l'environnement et à protéger la santé de l'homme.

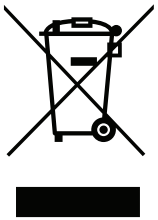
D-Link et l'environnement

Chez D-Link, nous sommes conscients de l'impact de nos opérations et produits sur l'environnement et nous engageons à le réduire. Pour limiter cet impact, D-Link conçoit et fabrique ses produits de manière aussi écologique que possible, en utilisant des matériaux recyclables et faiblement toxiques, tant dans ses produits que ses emballages.

D-Link recommande de toujours éteindre ou débrancher vos produits D-Link lorsque vous ne les utilisez pas. Vous réaliserez ainsi des économies d'énergie et réduirez vos émissions de CO2.

Pour en savoir plus sur les produits et emballages respectueux de l'environnement, veuillez consulter le **www.dlinkgreen.com**.

ESPAÑOL ES



Este símbolo en el producto o el embalaje significa que, de acuerdo con la legislación y la normativa local, este producto no se debe desechar en la basura doméstica sino que se debe reciclar. Llévelo a un punto de recogida designado por las autoridades locales una vez que ha llegado al fin de su vida útil; algunos de ellos aceptan recogerlos de forma gratuita. Al reciclar el producto y su embalaje de esta forma, contribuye a preservar el medio ambiente y a proteger la salud de los seres humanos.

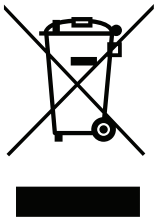
D-Link y el medio ambiente

En D-Link, comprendemos y estamos comprometidos con la reducción del impacto que puedan tener nuestras actividades y nuestros productos en el medio ambiente. Para reducir este impacto, D-Link diseña y fabrica sus productos para que sean lo más ecológicos posible, utilizando materiales reciclables y de baja toxicidad tanto en los productos como en el embalaje.

D-Link recomienda apagar o desenchufar los productos D-Link cuando no se estén utilizando. Al hacerlo, contribuirá a ahorrar energía y a reducir las emisiones de CO2.

Para obtener más información acerca de nuestros productos y embalajes ecológicos, visite el sitio **www.dlinkgreen.com**.

ITALIANO IT



La presenza di questo simbolo sul prodotto o sulla confezione del prodotto indica che, in conformità alle leggi e alle normative locali, questo prodotto non deve essere smaltito nei rifiuti domestici, ma avviato al riciclo. Una volta terminato il ciclo di vita utile, portare il prodotto presso un punto di raccolta indicato dalle autorità locali. Alcuni questi punti di raccolta accettano gratuitamente i prodotti da riciclare. Scegliendo di riciclare il prodotto e il relativo imballaggio, si contribuirà a preservare l'ambiente e a salvaguardare la salute umana.

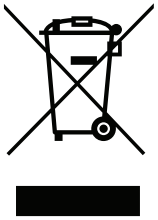
D-Link e l'ambiente

D-Link cerca da sempre di ridurre l'impatto ambientale dei propri stabilimenti e dei propri prodotti. Allo scopo di ridurre al minimo tale impatto, D-Link progetta e realizza i propri prodotti in modo che rispettino il più possibile l'ambiente, utilizzando materiali riciclabili a basso tasso di tossicità sia per i prodotti che per gli imballaggi.

D-Link raccomanda di spegnere sempre i prodotti D-Link o di scollegarne la spina quando non vengono utilizzati. In questo modo si contribuirà a risparmiare energia e a ridurre le emissioni di anidride carbonica.

Per ulteriori informazioni sui prodotti e sugli imballaggi D-Link a ridotto impatto ambientale, visitate il sito all'indirizzo **www.dlinkgreen.com**.

NEDERLANDS NL



Dit symbool op het product of de verpakking betekent dat dit product volgens de plaatselijke wetgeving niet mag worden weggegooid met het huishoudelijk afval, maar voor recyclage moeten worden ingeleverd. Zodra het product het einde van de levensduur heeft bereikt, dient u het naar een inzamelpunt te brengen dat hiertoe werd aangeduid door uw plaatselijke autoriteiten, sommige autoriteiten accepteren producten zonder dat u hiervoor dient te betalen. Door het product en de verpakking op deze manier te recyclen helpt u het milieu en de gezondheid van de mens te beschermen.

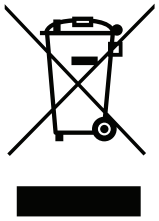
D-Link en het milieu

Bij D-Link spannen we ons in om de impact van onze handelingen en producten op het milieu te beperken. Om deze impact te beperken, ontwerpt en bouwt D-Link zijn producten zo milieuvriendelijk mogelijk, door het gebruik van recycleerbare producten met lage toxiciteit in product en verpakking.

D-Link raadt aan om steeds uw D-Link producten uit te schakelen of uit de stekker te halen wanneer u ze niet gebruikt. Door dit te doen bespaart u energie en beperkt u de CO2-emissies.

Breng een bezoek aan **www.dlinkgreen.com** voor meer informatie over onze milieuverantwoorde producten en verpakkingen.

POLSKI PL



Ten symbol umieszczony na produkcie lub opakowaniu oznacza, że zgodnie z miejscowym prawem i lokalnymi przepisami niniejszego produktu nie wolno wyrzucać jak odpady czy śmieci z gospodarstwa domowego, lecz należy go poddać procesowi recyklingu. Po zakończeniu użytkowania produktu, niektóre odpowiednie do tego celu podmioty przyjmą takie produkty nieodpłatnie, dlatego prosimy dostarczyć go do punktu zbiórki wskazanego przez lokalne władze. Poprzez proces recyklingu i dzięki takiemu postępowaniu z produktem oraz jego opakowaniem, pomogą Państwo chronić środowisko naturalne i dbać o ludzkie zdrowie.

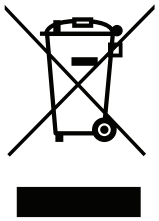
D-Link i środowisko

D-Link podchodzimy w sposób świadomy do ochrony otoczenia oraz jesteśmy zaangażowani w zmniejszanie wpływu naszych działań i produktów na środowisko naturalne. W celu zminimalizowania takiego wpływu firma D-Link konstruuje i wytwarza swoje produkty w taki sposób, aby były one jak najbardziej przyjazne środowisku, stosując do tych celów materiały nadające się do powtórnego wykorzystania, charakteryzujące się małą toksycznością zarówno w przypadku samych produktów jak i opakowań.

Firma D-Link zaleca, aby Państwo zawsze prawidłowo wyłączali z użytku swoje produkty D-Link, gdy nie są one wykorzystywane. Postępując w ten sposób pozwalają Państwo oszczędzać energię i zmniejszać emisje CO2.

Aby dowiedzieć się więcej na temat produktów i opakowań mających wpływ na środowisko prosimy zapoznać się ze stroną Internetową **www.dlinkgreen.com**.

ČESKY CZ



Tento symbol na výrobku nebo jeho obalu znamená, že podle místně platných předpisů se výrobek nesmí vyhazovat do komunálního odpadu, ale odeslat k recyklaci. Až výrobek doslouží, odneste jej prosím na sběrné místo určené místními úřady k tomuto účelu. Některá sběrná místa přijímají výrobky zdarma. Recyklací výrobku i obalu pomáháte chránit životní prostředí i lidské zdraví.

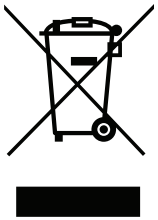
D-Link a životní prostředí

Ve společnosti D-Link jsme si vědomi vlivu našich provozů a výrobků na životní prostředí a snažíme se o minimalizaci těchto vlivů. Proto své výrobky navrhujeme a vyrábíme tak, aby byly co nejekologičtější, a ve výrobcích i obalech používáme recyklovatelné a nízkotoxické materiály.

Společnost D-Link doporučuje, abyste své výrobky značky D-Link vypnuli nebo vytáhli ze zásuvky vždy, když je nepoužíváte. Pomůžete tak šetřit energii a snížit emise CO2.

Více informací o našich ekologických výrobcích a obalech najdete na adrese **www.dlinkgreen.com**.

MAGYAR HU



Ez a szimbólum a terméken vagy a csomagoláson azt jelenti, hogy a helyi törvényeknek és szabályoknak megfelelően ez a termék nem semmisíthető meg a háztartási hulladékkal együtt, hanem újrahasznosításra kell küldeni. Kérjük, hogy a termék élettartamának elteltét követően vigye azt a helyi hatóság által kijelölt gyűjtőhelyre. A termékek egyes helyeken ingyen elhelyezhetők. A termék és a csomagolás újrahasznosításával segíti védeni a környezetet és az emberek egészségét.

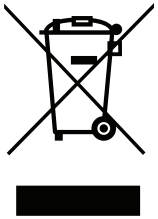
A D-Link és a környezet

A D-Linknél megértjük és elkötelezettek vagyunk a műveleteink és termékeink környezetre gyakorolt hatásainak csökkentésére. Az ezen hatás csökkentése érdekében a D-Link a lehető leginkább környezetbarát termékeket tervez és gyárt azáltal, hogy újrahasznosítható, alacsony károsanyag-tartalmú termékeket gyárt és csomagolásokat alkalmaz.

A D-Link azt javasolja, hogy mindig kapcsolja ki vagy húzza ki a D-Link termékeket a tápforrásból, ha nem használja azokat. Ezzel segít az energia megtakarításában és a széndioxid kibocsátásának csökkentésében.

Környezetbarát termékeinkről és csomagolásainkról további információkat a **www.dlinkgreen.com** weboldalon tudhat meg.

NORSK NO



Dette symbolet på produktet eller forpakningen betyr at dette produktet ifølge lokale lover og forskrifter ikke skal kastes sammen med husholdningsavfall, men leveres inn til gjenvinning. Vennligst ta det til et innsamlingssted anvist av lokale myndigheter når det er kommet til slutten av levetiden. Noen steder aksepteres produkter uten avgift. Ved på denne måten å gjenvinne produktet og forpakningen hjelper du å verne miljøet og beskytte folks helse.

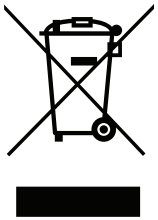
D-Link og miljøet

Hos D-Link forstår vi oss på og er forpliktet til å minske innvirkningen som vår drift og våre produkter kan ha på miljøet. For å minimalisere denne innvirkningen designer og lager D-Link produkter som er så miljøvennlig som mulig, ved å bruke resirkulerbare, lav-toksiske materialer både i produktene og forpakningen.

D-Link anbefaler at du alltid slår av eller frakobler D-Link-produkter når de ikke er i bruk. Ved å gjøre dette hjelper du å spare energi og å redusere CO2-utslipp.

For mer informasjon angående våre miljøansvarlige produkter og forpakninger kan du gå til **www.dlinkgreen.com**.

DANSK DK



Dette symbol på produktet eller emballagen betyder, at dette produkt i henhold til lokale love og regler ikke må bortskaffes som husholdningsaffald, mens skal sendes til genbrug. Indlever produktet til et indsamlingssted som angivet af de lokale myndigheder, når det er nået til slutningen af dets levetid. I nogle tilfælde vil produktet blive modtaget gratis. Ved at indlevere produktet og dets emballage til genbrug på denne måde bidrager du til at beskytte miljøet og den menneskelige sundhed.

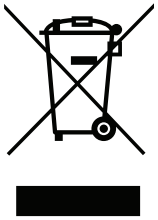
D-Link og miljøet

Hos D-Link forstår vi og bestræber os på at reducere enhver indvirkning, som vores aktiviteter og produkter kan have på miljøet. For at minimere denne indvirkning designer og producerer D-Link sine produkter, så de er så miljøvenlige som muligt, ved at bruge genanvendelige materialer med lavt giftighedsniveau i både produkter og emballage.

D-Link anbefaler, at du altid slukker eller frakobler dine D-Link-produkter, når de ikke er i brug. Ved at gøre det bidrager du til at spare energi og reducere CO2-udledningerne.

Du kan finde flere oplysninger om vores miljømæssigt ansvarlige produkter og emballage på **www.dlinkgreen.com**.

SUOMI FI



Tämä symboli tuotteen pakkauksessa tarkoittaa, että paikallisten lakien ja säännösten mukaisesti tätä tuotetta ei pidä hävittää yleisen kotitalousjätteen seassa vaan se tulee toimittaa kierrätettäväksi. Kun tuote on elinkaarensa päässä, toimita se lähimpään viranomaisten hyväksymään kierrätyspisteeseen. Kierrättämällä käytetyn tuotteen ja sen pakkauksen autat tukemaan sekä ympäristön että ihmisten terveyttä ja hyvinvointia.

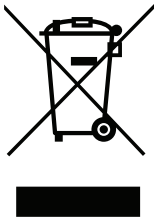
D-Link ja ympäristö

D-Link ymmärtää ympäristönsuojelun tärkeyden ja on sitoutunut vähentämään tuotteistaan ja niiden valmistuksesta ympäristölle mahdollisesti aiheutuvia haittavaikutuksia. Nämä negatiiviset vaikutukset minimoidakseen D-Link suunnittelee ja valmistaa tuotteensa mahdollisimman ympäristöystävällisiksi käyttämällä kierrätettäviä, alhaisia pitoisuuksia haitallisia aineita sisältäviä materiaaleja sekä tuotteissaan että niiden pakkauksissa.

Suosittelemme, että irrotat D-Link-tuotteesi virtalähteestä tai sammutat ne aina, kun ne eivät ole käytössä. Toimimalla näin autat säästämään energiaa ja vähentämään hiilidioksiidipäästöjä.

Lue lisää ympäristöystävällisistä D-Link-tuotteista ja pakkauksistamme osoitteesta **www.dlinkgreen.com**.

SVENSKA SE



Den här symbolen på produkten eller förpackningen betyder att produkten enligt lokala lagar och föreskrifter inte skall kastas i hushållssoporna utan i stället återvinnas. Ta den vid slutet av dess livslängd till en av din lokala myndighet utsedd uppsamlingsplats, vissa accepterar produkter utan kostnad. Genom att på detta sätt återvinna produkten och förpackningen hjälper du till att bevara miljön och skydda människors hälsa.

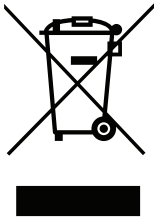
D-Link och miljön

På D-Link förstår vi och är fast beslutna att minska den påverkan våra verksamheter och produkter kan ha på miljön. För att minska denna påverkan utformar och bygger D-Link sina produkter för att de ska vara så miljövänliga som möjligt, genom att använda återvinningsbara material med låg gifthalt i både produkter och förpackningar.

D-Link rekommenderar att du alltid stänger av eller kopplar ur dina D-Link produkter när du inte använder dem. Genom att göra detta hjälper du till att spara energi och minska utsläpp av koldioxid.

För mer information om våra miljöansvariga produkter och förpackningar **www.dlinkgreen.com**.

PORTUGUÊS PT



Este símbolo no produto ou embalagem significa que, de acordo com as leis e regulamentações locais, este produto não deverá ser eliminado juntamente com o lixo doméstico mas enviado para a reciclagem. Transporte-o para um ponto de recolha designado pelas suas autoridades locais quando este tiver atingido o fim da sua vida útil, alguns destes pontos aceitam produtos gratuitamente. Ao reciclar o produto e respectiva embalagem desta forma, ajuda a preservar o ambiente e protege a saúde humana.

A D-Link e o ambiente

Na D-Link compreendemos e comprometemo-nos com a redução do impacto que as nossas operações e produtos possam ter no ambiente. Para minimizar este impacto a D-Link concebe e constrói os seus produtos para que estes sejam o mais inofensivos para o ambiente possível, utilizando meteriais recicláveis e não tóxicos tanto nos produtos como nas embalagens.

A D-Link recomenda que desligue os seus produtos D-Link quando estes não se encontrarem em utilização. Com esta acção ajudará a poupar energia e reduzir as emissões de CO2.

Para saber mais sobre os nossos produtos e embalagens responsáveis a nível ambiental visite **www.dlinkgreen.com**.