



User Manual

N300 Wi-Fi Range Extender with Power Passthrough

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	February 4, 2016	• Initial release

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Power Usage

This device is an Energy Related Product (ErP) with High Network Availability (HiNA), and automatically switches to a power-saving Network Standby mode within 1 minute of no packets being transmitted. If it is not needed during certain periods of time, it can be unplugged to save energy.

Network Standby: 1.4 watts

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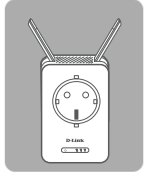
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Package Contents



DAP-1365 N300 Wi-Fi Range Extender with Power Passthrough



Wi-Fi Configuration Card



Quick Installation Guide

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

System Requirements

Network Requirements	<ul style="list-style-type: none">• A wireless router with an active Internet connection.• 802.11n, 802.11g, or 802.11b wireless clients/devices
Web-based Configuration Utility Requirements	<p>A Computer or Mobile Device with the following:</p> <ul style="list-style-type: none">• Windows®, Apple® Mac OS®, or Linux-based operating system• Wireless adapter or Wi-Fi functionality• An Apple® iPhone®, iPod touch®, iPad®, or Android™ mobile device <p>Browser Requirements:</p> <ul style="list-style-type: none">• Internet Explorer® 10 or later• Firefox® 28 or later• Safari® 6 or later• Google Chrome™ 28.0 or later

Introduction

Features

Easily Extend Your Existing Network

The DAP-1365 N300 Wi-Fi Range Extender with Power Passthrough lets you easily extend a secure wireless network with a press of a button. Connect the DAP-1365 to a router via Wi-Fi or Ethernet and share your high-speed Internet access in more places throughout your home or small office. Additionally, the DAP-1365 provides a passthrough power socket to ensure that your electrical outlet remains available.

High-speed Wireless Performance With Wireless 802.11n Technology

Thanks to the latest Wireless N technology, the DAP-1365 provides a wireless connection at up to 300 Mbps* with other 802.11n wireless devices. This feature lets you participate in real-time activities online, such as video streaming, online gaming, and real-time audio with smooth performance.

Simple Setup

All it takes is a press of a button to connect compatible WPS devices to the DAP-1365. Its easy-to-use web interface lets you quickly and easily connect the DAP-1365 to an uplink router, configure the extended wireless network, and manage the administrative settings. The setup wizard will even guide you through the setup process, getting your extended wireless network up and running in no time. Alternatively, connect an Ethernet cable to your existing network infrastructure to quickly and easily create a wireless network.

Compatibility

The DAP-1365 is fully compatible with 802.11n, and it is also backwards compatible with IEEE 802.11g/b wireless devices, so you can use your existing devices without sacrificing performance.

Latest Wireless Network Security and Encryption

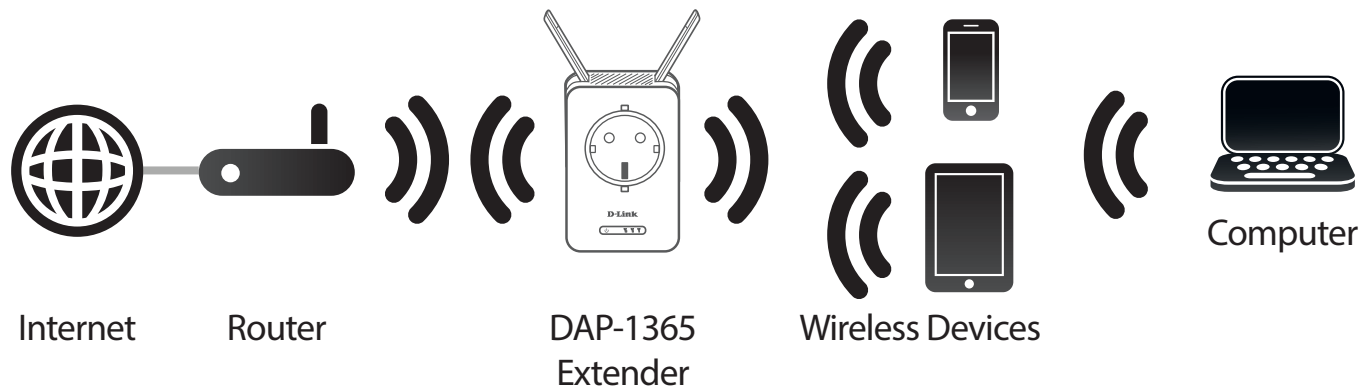
The DAP-1365 supports wireless security features to prevent unauthorized access from the wireless network. Support for WPA/WPA2 standards ensure that you'll be able to use the best possible encryption methods with your compatible wireless devices.

* Maximum wireless signal rate derived from standard IEEE specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead may lower actual data throughput rate. Environmental conditions will adversely affect wireless signal range.

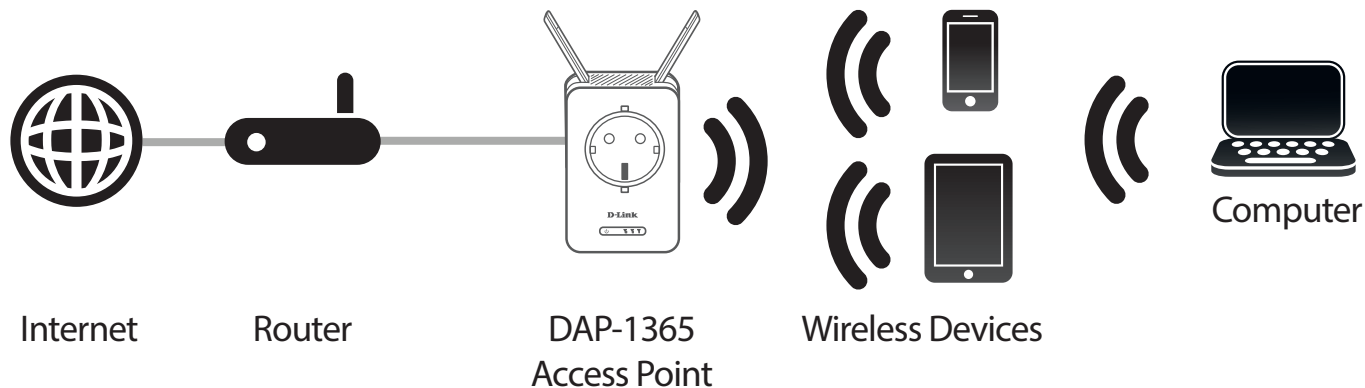
What is a Wireless Extender?

The DAP-1365 acts as a repeater to extend the range of an existing wireless network to provide a better signal for parts of your home or office that may have poor or no reception. Your existing wireless signal will be re-broadcast by the DAP-1365, allowing you to reach the farthest corners of your home or office. The extended network can simply use the same network credentials as the existing network, or you can specify a different network name and password, giving you the flexibility to control network access. You may also use the DAP-1365 as a wireless access point by connecting an Ethernet cable.

Extend Your Wireless Network using Wi-Fi

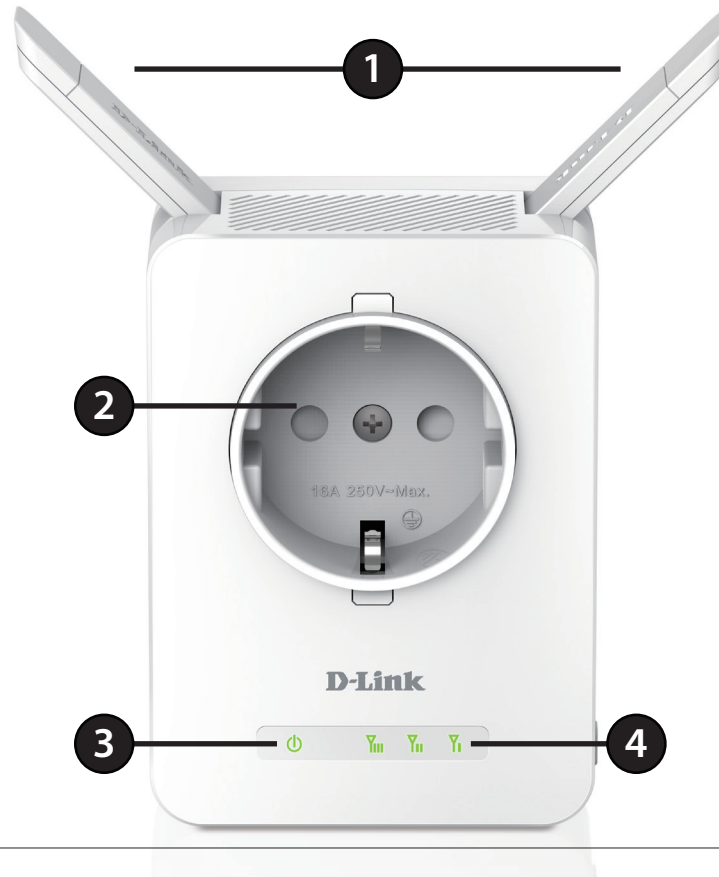


Create a Wireless Network using Ethernet



Hardware Overview

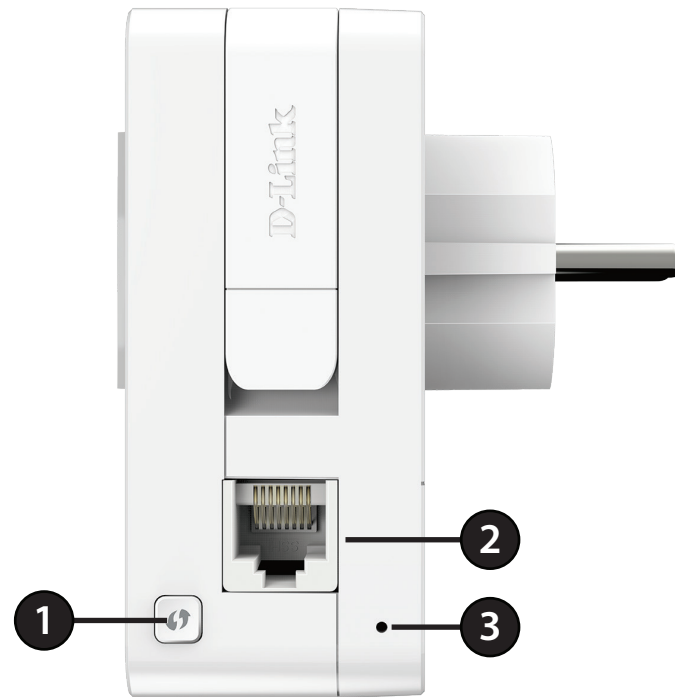
Front



1	External Antennas	Extend the antennas for optimal wireless coverage.
2	Power Outlet	Plug-in electrical devices using this power passthrough outlet.
3	Status/WPS LED	This LED indicates the current status of the DAP-1365, as detailed on the next page.
4	Signal Indicator LED	The more lit green bars on the Signal Indicator LED, the better the wireless signal to the host network. A single solid amber LED indicates a weak Wi-Fi signal. Refer to “Wireless Signal Strength Indicator LED” on page 8.

Hardware Overview

Side



1	WPS Button	Press to establish a connection with another WPS compatible device. Pressing the WPS button for 1 second allows you to connect with Wi-Fi clients using Wi-Fi Protected Setup. Refer to “WPS-PBC Configuration” on page 15 for more information.
2	LAN	Connect an Ethernet cable if you are adding wireless to an existing wired network.
3	Reset Button	Use an unfolded paperclip to press and hold the reset button on the bottom of DAP-1365 for 10 seconds.

Status/WPS LED Indicator



LED Indicator	Color	Status	Description
Power/Status	Green	Solid	The DAP-1365 is receiving power and connected to a host network.
		Blinking	WPS mode is active.
	Red	Solid	The DAP-1365 is booting or an error has occurred.
	Amber	Blinking	The DAP-1365 is not connected to a host network.
	None	Off	Device is not receiving power. Check the power outlet.

Wireless Signal Strength Indicator LED

The Status/WPS LED will turn solid green when the DAP-1365 has connected successfully to an uplink wireless network and is extending that network. If the Signal Indicator LED has a single amber bar after the connection process has finished, the DAP-1365 has established a poor quality connection. The more lit bars on the Signal Indicator LED, the better the wireless signal. To improve the connection quality, the DAP-1365 should be relocated closer to the source wireless router.

Poor



Ok



Good



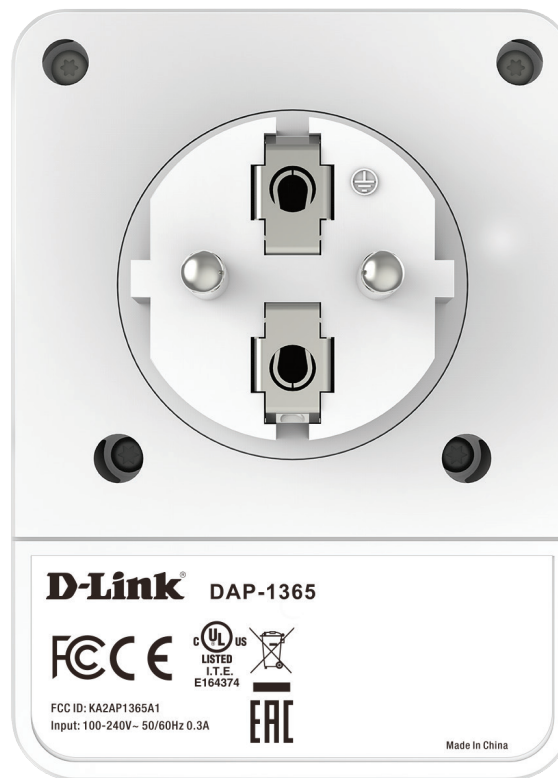
Best



Hardware Overview

Back

You may locate the Wi-Fi name (SSID) and password for your DAP-1365. This information is printed on the specification sticker on the back of the device. You will need this information to connect your computer or mobile device to the default network (SSID) of your DAP-1365. This information is also provided on the Wi-Fi configuration card.



Installation

Wireless Installation Considerations

The DAP-1365 lets you extend your existing wireless network's coverage as long as it is within range of the uplink network. Keep in mind that the DAP-1365's extension network's range may be limited by the number, thickness and location of walls, ceilings, or other objects that the wireless signals must pass through. 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 extender 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 (0.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle it looks 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 extenders, 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 degrade dramatically or drop completely. 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.

Power Installation Considerations

Plan the location of your Extender and devices plugged into the passthrough outlet:

1. Connect range extenders with power passthrough to electrical outlets that are not controlled by a wall switch to avoid accidentally turning off power to the device.
2. To help prevent electrical shock, be sure to plug the power cables into properly grounded electrical outlets.
3. The Extender is designed to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from the cable.
4. Do not exceed the circuit load rating listed on the front of the device.

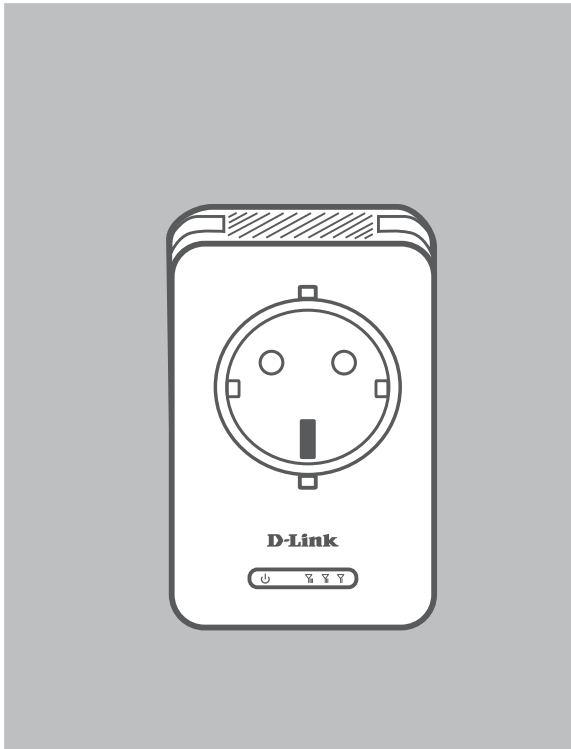
Important Safety Instructions

Please read all of the safety and operating instructions before using your device:

1. Do not open the device or attempt to repair or service the device.
2. Use the device in a dry location, and avoid placing it in humid environments.
3. Do not submerge the device in liquid or attempt to clean it with liquids or solvents. To clean the device, disconnect it from the power outlet and use a damp towel.
4. Keep the device out of direct sunlight.
5. Do not cover or block the vents on the device.
6. Make sure that the device has adequate room for ventilation.
8. Avoid placing the device near a heater or radiator.
9. The device should be located only where sufficient ventilation can be ensured.
10. The purpose of this product is to create a constant network connection for your devices. If you wish to power down this product, please simply unplug it from the power outlet.

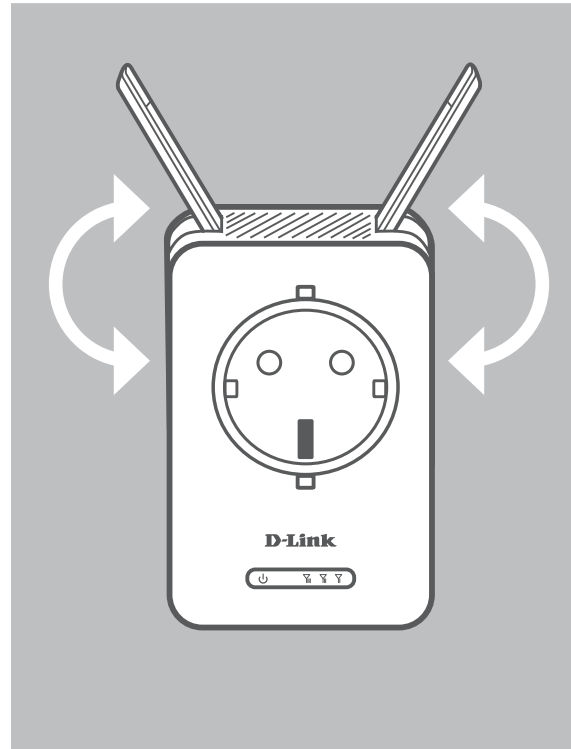
Hardware Setup

Find a location



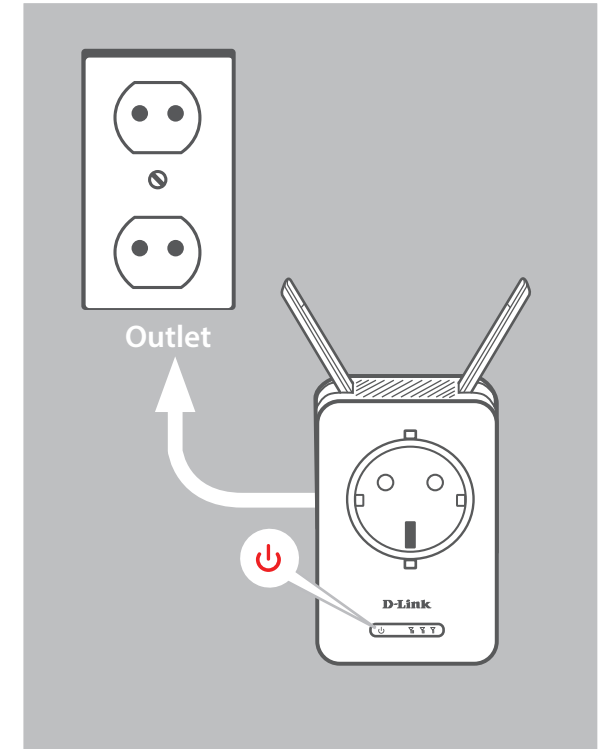
Locate your DAP-1365 to an area which you wish to extend Wi-Fi to.

Position Antennas



Move the antennas to their upward position before plugging in the extender.

Plug-in Extender



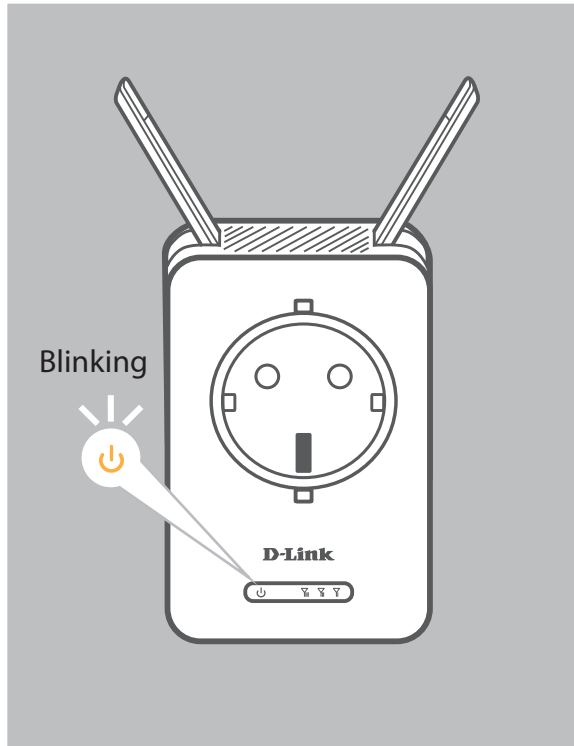
Plug in the DAP-1365 to an outlet or power strip. The WPS/Status LED will immediately activate to indicate the device is booting up.

Getting Started

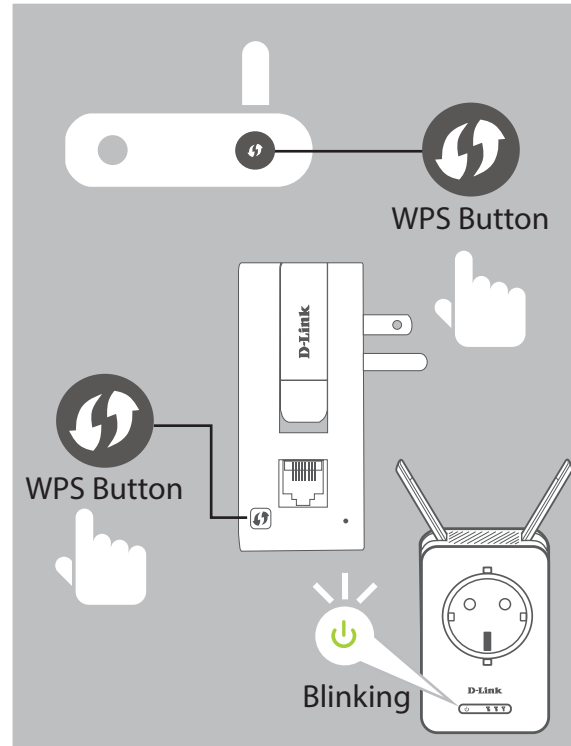
There are several configuration tools you can use to set up your DAP-1365.

- **WPS PBC** - To easily extend an existing wireless network refer to “WPS-PBC Configuration” on page 15 for setup instructions.
- **QRS Mobile App** - Use your Android device or iPhone, iPad, or iPod touch to configure your extender. Refer to “QRS Mobile App Setup” on page 16 for setup instructions.
- **D-Link Setup Wizard** - This wizard will launch when you log into the Extender’s web configuration utility for the first time. Refer to “Setup Wizard” on page 22 for setup instructions.
- **Manual Configuration** - Advanced users who wish to manually setup extender or adjust its settings may refer to “Configuration” on page 32 for more information.

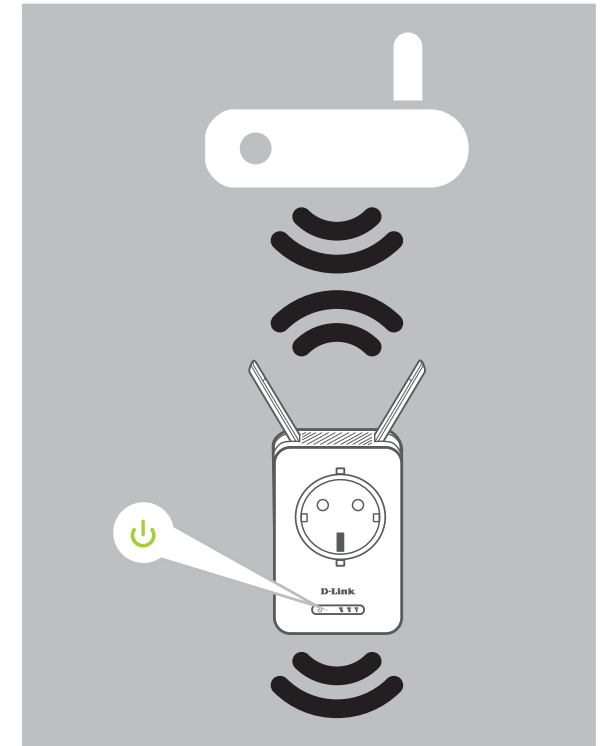
WPS-PBC Configuration



The device is ready to connect to an uplink network once the WPS/Status LED is blinking amber.



Push the WPS buttons on both the source wireless router or access point. The Status/WPS LED on the DAP-1365 will start to blink green. Please allow up to two minutes for the process to finish



The Status/WPS LED will turn solid green once the DAP-1365 has connected successfully to the uplink wireless network. The new extension network will be named:

(Source SSID)-EXT

The password be the same as the source network's.

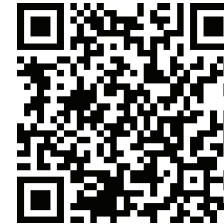
QRS Mobile App Setup

The DAP-1365 can be set up from your iPhone, iPod touch, iPad, or Android smartphone or tablet device using the QRS Mobile app.

Note: The screenshots may be different depending on your mobile device's OS version.

Step 1

Search for the free **QRS Mobile** App on the Apple App Store or Google Play.



Step 2

Once your app is installed, you may now configure your extender. Connect to the router wirelessly by going to your wireless utility on your device. Scan for the Wi-Fi name (SSID) as listed on the supplied configuration card. Select and then enter your Wi-Fi password.

D-Link Wi-Fi Configuration Card	
Default Configuration	Wi-Fi Name (SSID) 2.4GHz:
Wi-Fi Name (SSID):	Wi-Fi Password:
dlink-a8fa	Wi-Fi Name (SSID) 5GHz *:
Wi-Fi Password:	Wi-Fi Password *:
akbdj19368	Your configuration
	Username: "Admin"
To configure your router, go to:	Password:
http://dlinkap.local/	
Or http://192.168.0.1	
Username: "Admin"	*For applicable models
Password: " (leave the field blank)	
	<small>DQW9W0W10010</small>

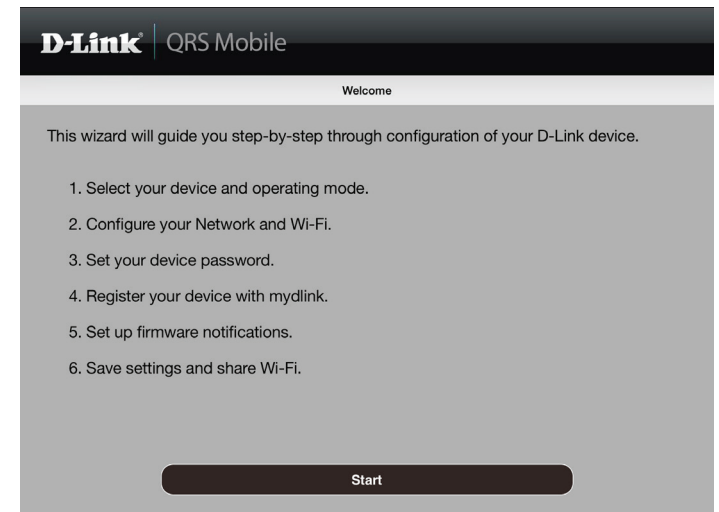
Step 3

Once wirelessly connected to the extender, launch the QRS Mobile app from the Home screen of your device.

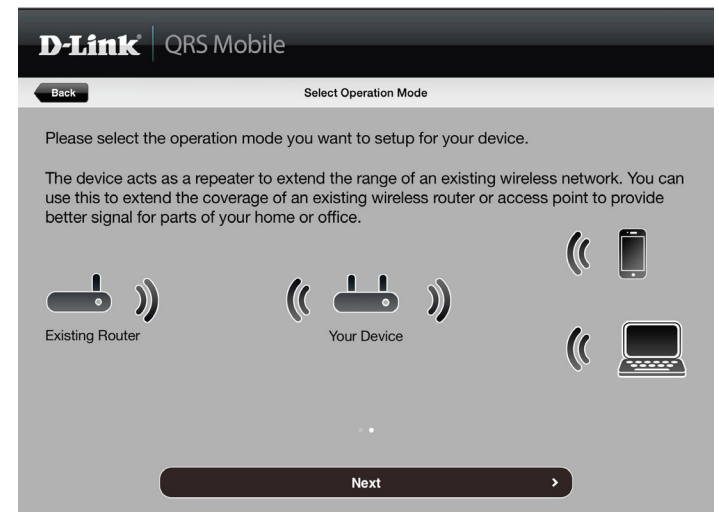
Note: The following steps show the iOS interface of the QRS Mobile app. If you are using an Android device, the appearance may be different to that of the screenshots, but the process is the same.



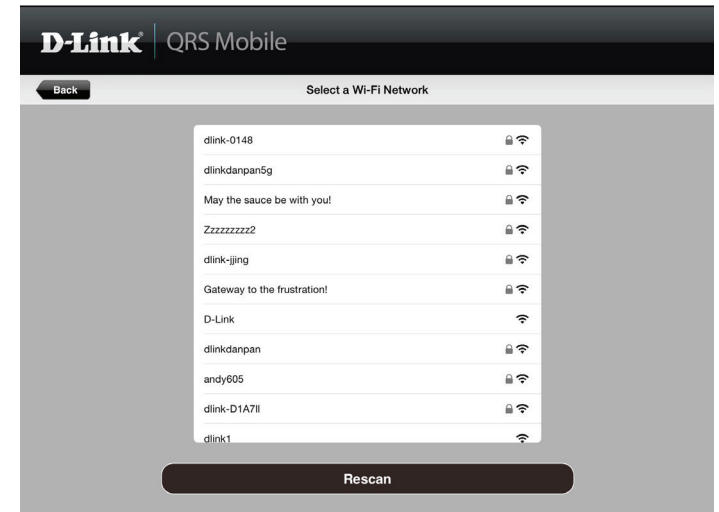
Click **Start** to continue.



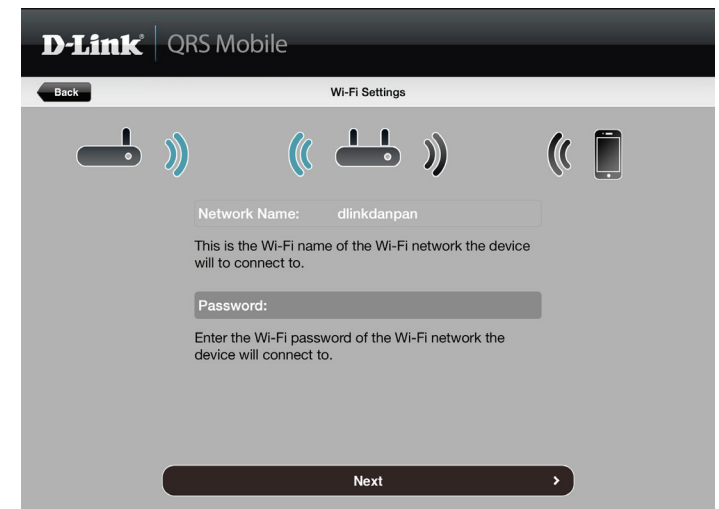
Click **Next** to continue.



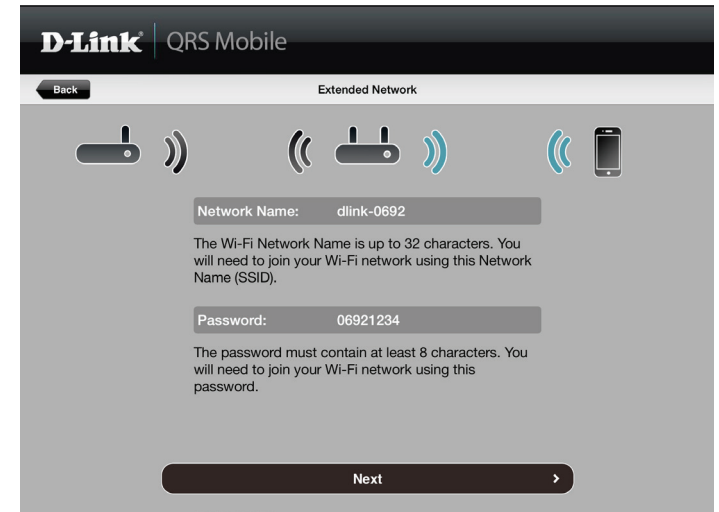
QRS Mobile will first detect your DAP-1365, then scan for available Wi-Fi networks. Select the network you wish to extend. Tap **Rescan** if your network doesn't show up the first time.



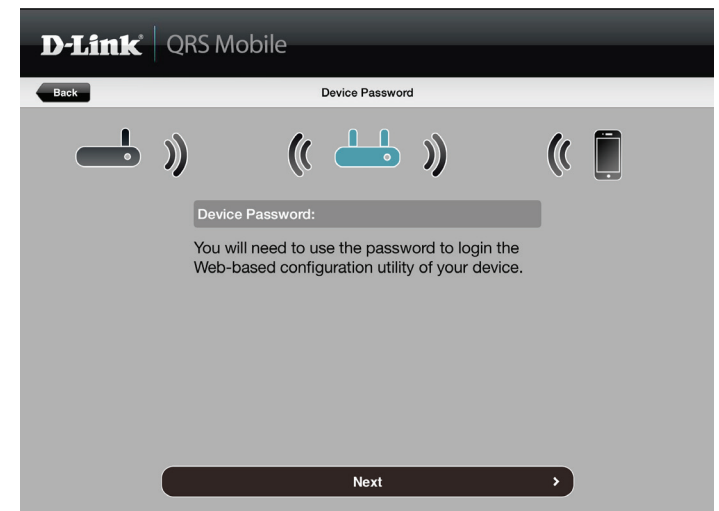
Enter a password for the existing Wi-Fi network. Click **Next** to continue.



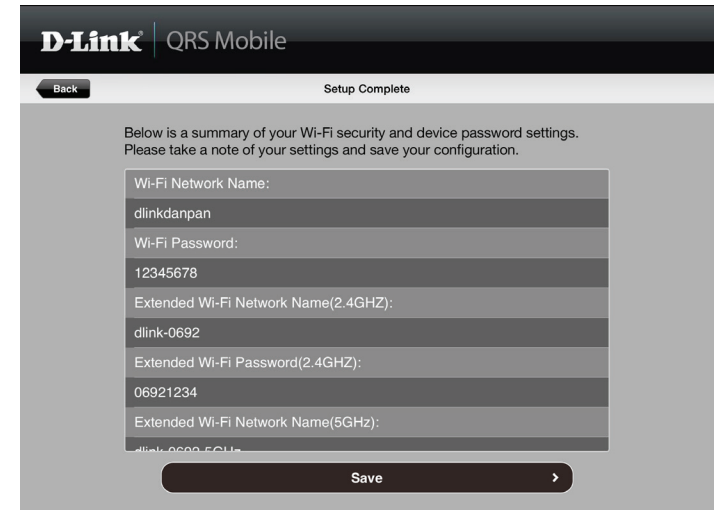
Enter a network name (SSID) and password for the extended Wi-Fi network. Click **Next** to continue.



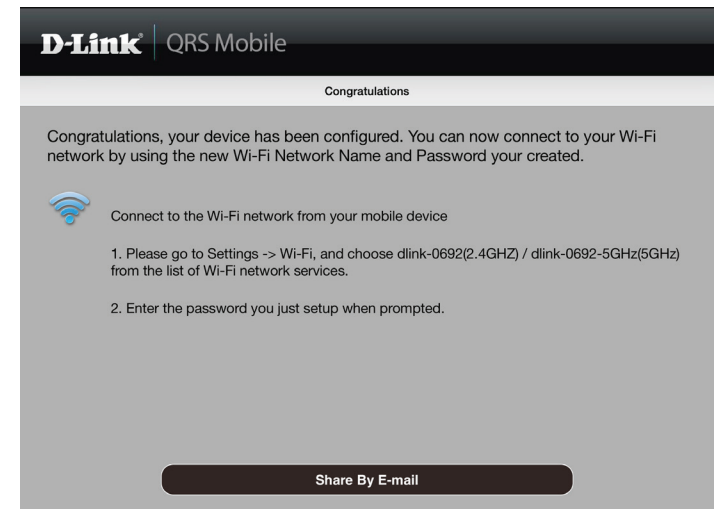
Create an admin password for the DAP-1365's web-based configuration utility. Click **Next** to continue.



A summary of your settings will be displayed. Click **Save** to reboot the device and to complete the setup.



After the setup wizard is complete, the following screen will appear. To connect to the extended network, you can now change your mobile device and laptop Wi-Fi settings to the wireless network name and password you just created. You can also share your Wi-Fi information by clicking **Share by E-mail**.



Web-based Setup

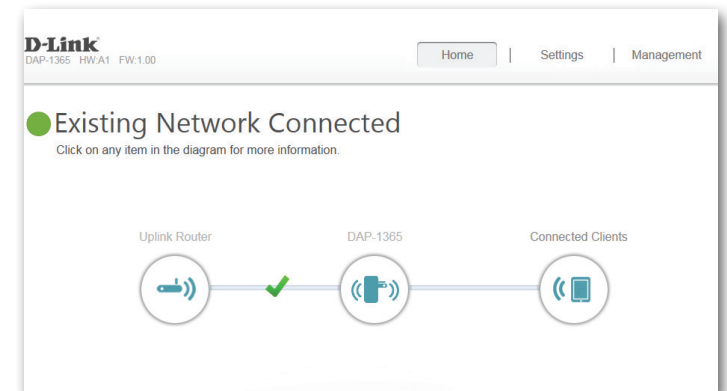
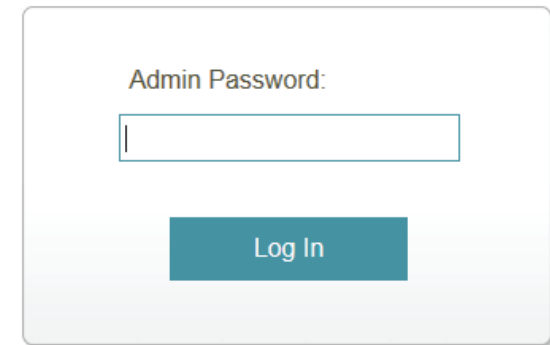
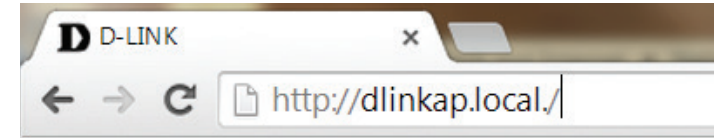
To access the setup utility for the DAP-1365 N300 Wi-Fi Range Extender with Power Passthrough on your PC, first connect to the DAP-1365 wirelessly using the Wi-Fi name (SSID) and password located on your Wi-Fi Configuration Card. Then open a web browser and enter **http://dlinkap.local./** in your browser's URL field. You may also enter the IP address* of the DAP-1365.

Note: Web browser configuration is not supported for Android Devices. Please use the QRS Mobile Application to configure your device.

*The default IP address is 192.168.0.50. Once your DAP-1365 connects to the host network, it will be assigned a new IP address based on your network's DHCP settings. You will need to log in to your router to see what IP address is assigned to your DAP-1365. For multiple DAP-1365s, go to **http://dlinkapxxxx.local./** as shown on the included Wi-Fi Configuration Card, with "xxxx" being the last four digits of the DAP-1365's MAC address.

Enter your password. By default, Admin is the username and cannot be changed, and by default, the password is blank.

The configuration interface will open, and you can configure the various settings for the DAP-1365. If you have not yet configured an uplink network, the home screen will show that there is no connection between the DAP-1365 and the uplink router.



Setup Wizard

If this is your first time logging in to the extender and no connection has been established, the setup wizard will automatically appear.

In the future, if you wish to set up your extender using the setup wizard, click the **Uplink Router** icon.

The setup wizard is designed to guide you through a step-by-step process to configure your new DAP-1365 N300 Wi-Fi Range Extender with Power Passthrough to extend your wireless network and connect to the Internet.

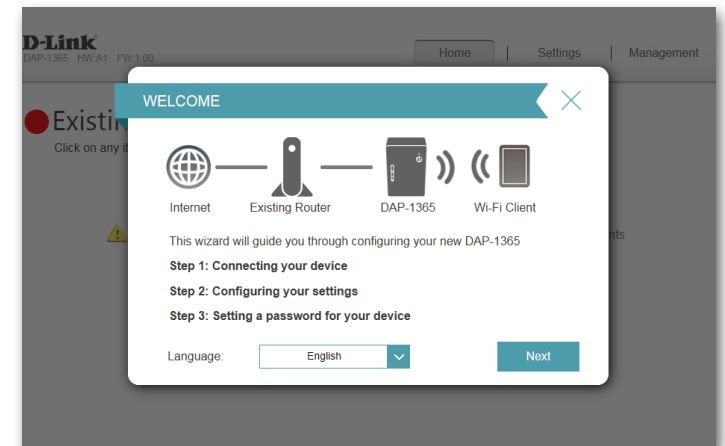
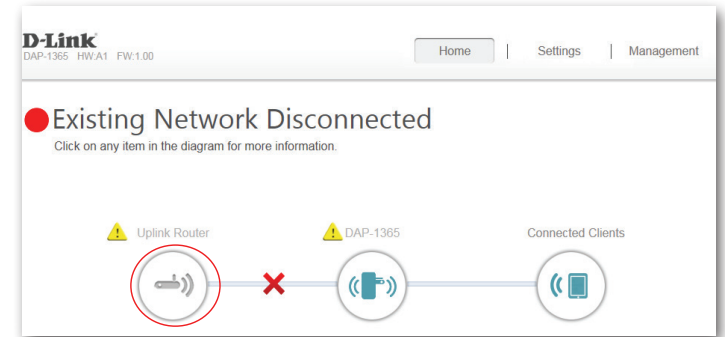
The steps are:

Step 1: Connecting Your Device

Step 2: Configuring Your Settings

Step 3: Setting a Password for Your Device

Click **Next** to begin.



Connecting Your Device via WPS

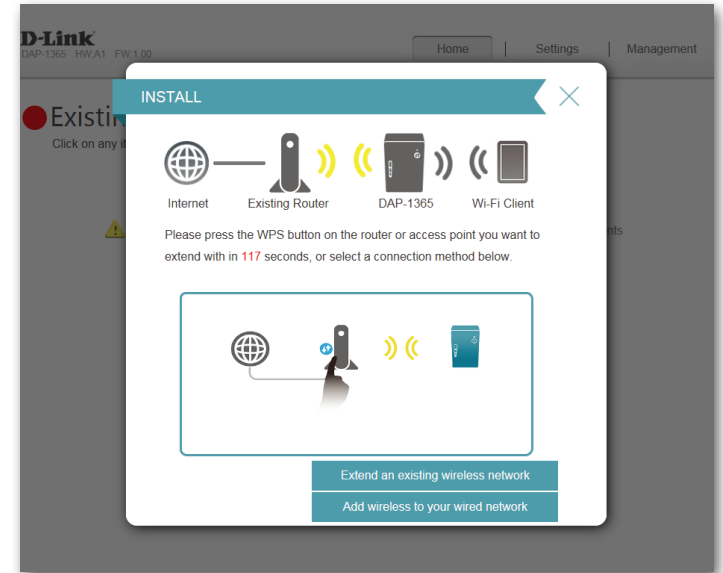
After clicking the **Next** button from the previous step, the DAP-1365 will automatically initiate a WPS-PBC (Wireless Protected Setup - Push Button Control) search to find an uplink network to extend. If your existing wireless networking device has a physical or virtual WPS button, press or enable it within the 120 seconds allotted by the countdown timer.

If you do not wish to use WPS or your existing networking device does not have a WPS feature, select one of the alternative configuration options:

Extend an existing network, see page 25 for more information or

Add wireless to your wired network, see page 28 for further setup information.

Once the 120 second timer has elapsed, proceed to the next page.



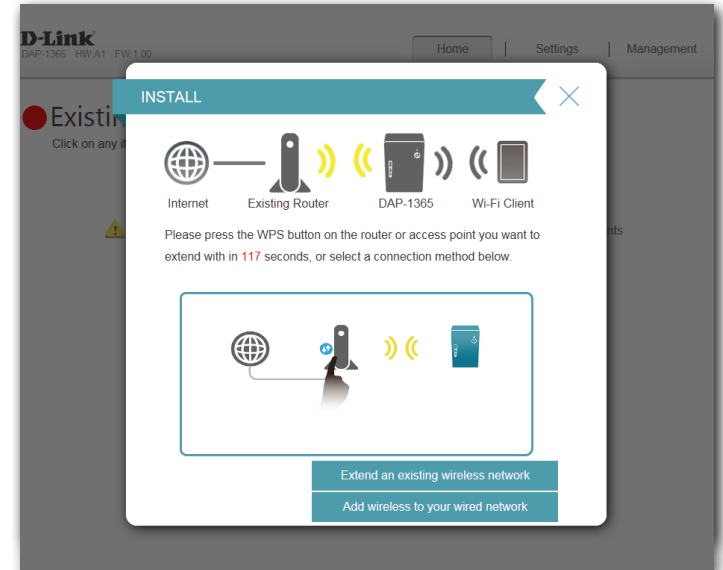
WPS Successful

If a WPS connection is successfully established you will be prompted to configure your extension network settings. The current network name and password will be displayed.

You may now rename the 2.4 GHz network extension network and create a new password if you wish.

Please be sure to note any changes you make as these credentials will be required for wireless clients wishing to join your network.

Click **Next** to proceed to **Configure Administrator Password**, refer to page 30 for more information, or click **Back** to return to the previous step.



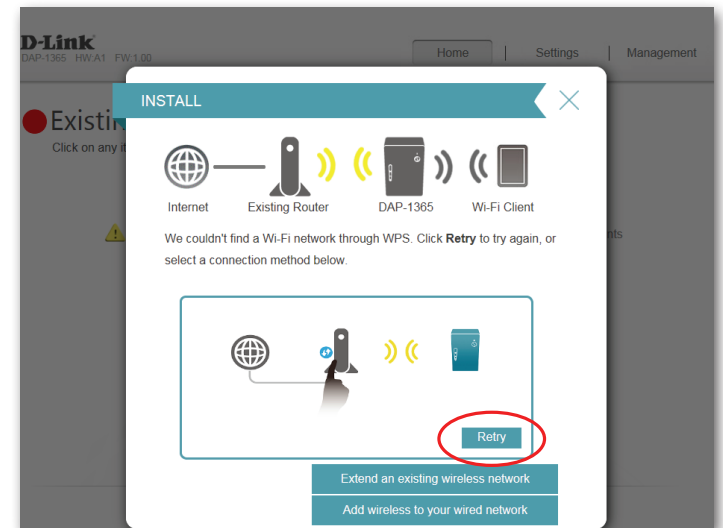
*Wireless network names and passwords are shown for example only.

WPS Unsuccessful

If the WPS countdown timer expires, and no connection to an uplink wireless network could be established, you may press the **retry** button to attempt the process again or if you do not wish to use WPS, or are having difficulty using the WPS feature, you can try using one of the alternative configuration options:

Extend an existing network, see page 25 for more information or

Add wireless to your wired network, see page 28 for further setup information.



Extend an Existing Network

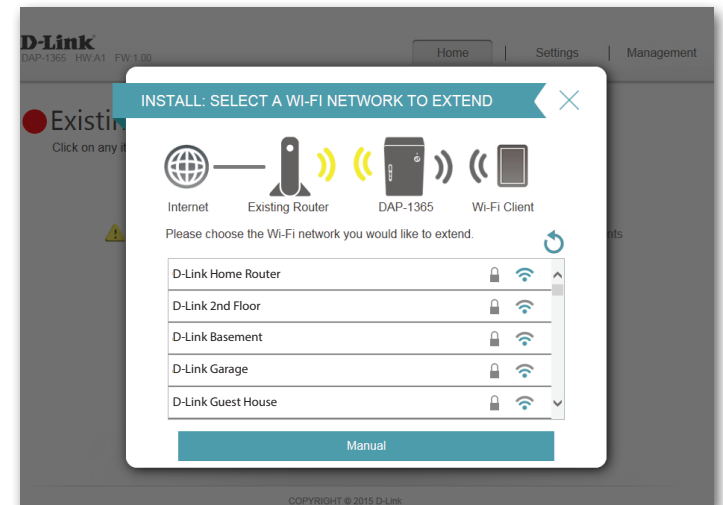
To set up your network manually, select **Extend an Existing Network** from the setup wizard menu. Click **Next** to continue.



The DAP-1365 will scan for available wireless networks and display a list of results. You may choose one of the following options to proceed:

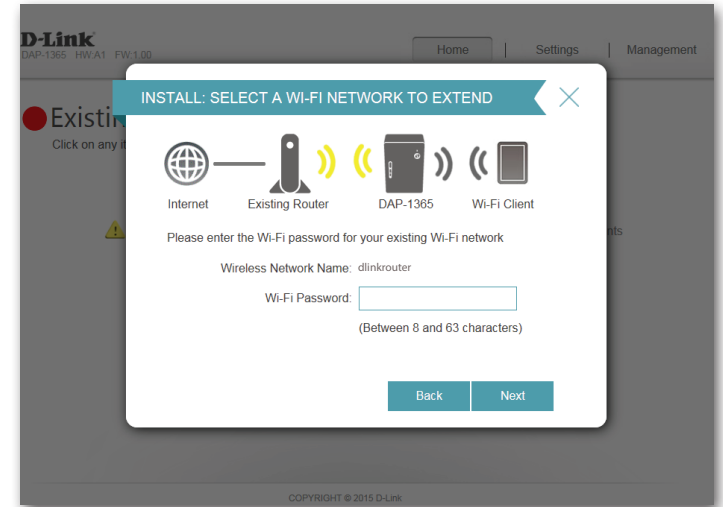
- If the wireless network you wish to extend was detected by the scan, click on the network to select it. The extender will automatically forward you to the next step.
- If the network you would like to extend was not detected by the scan, click the **Manual** button.

Note: If the wireless network you would like to extend to was not detected by the scan, your DAP-1365 might be out of range and you may need to reposition the extender closer to the host network device.



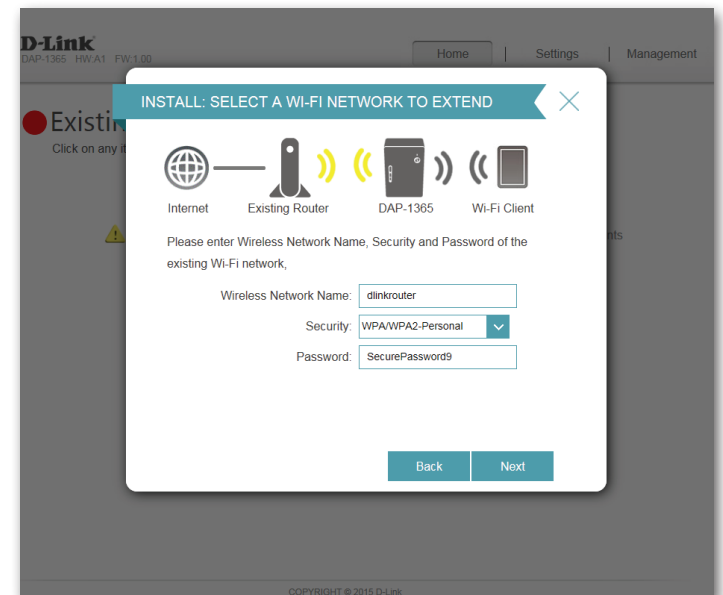
If the wireless network you wish to extend was detected by the scan, enter the password now.

Click **Next** to continue on to configure your extension network settings, or click **Back** to return to the previous step.



If you chose **Manual**, enter the Wireless Network Name, type of Security, and Password of the existing Wi-Fi network you wish to connect to.

Click **Next** to continue on to configure your extension network settings, or click **Back** to return to the previous step.

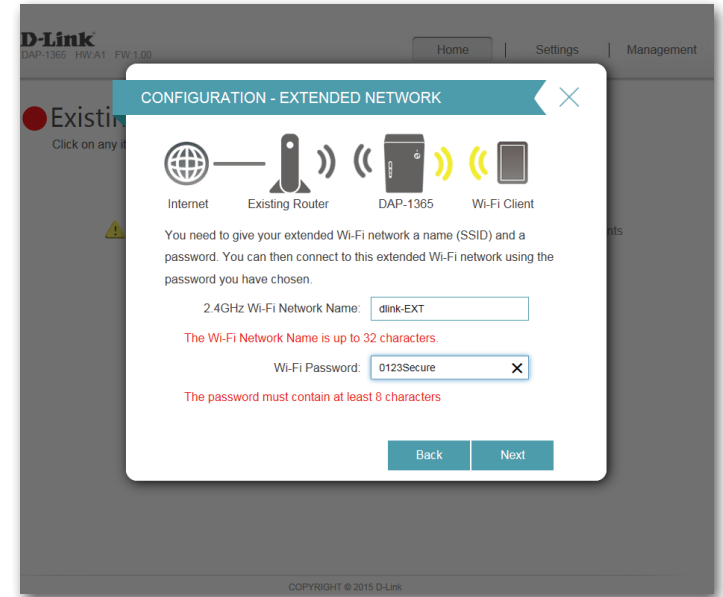


If a connection is successfully established you will be prompted to configure your extension network settings. The current network names and passwords will be displayed.

You may now rename the 2.4 GHz network extension network and create a new password if you wish.

Please be sure to note any changes you make as these credentials will be required for wireless clients wishing to join your network.

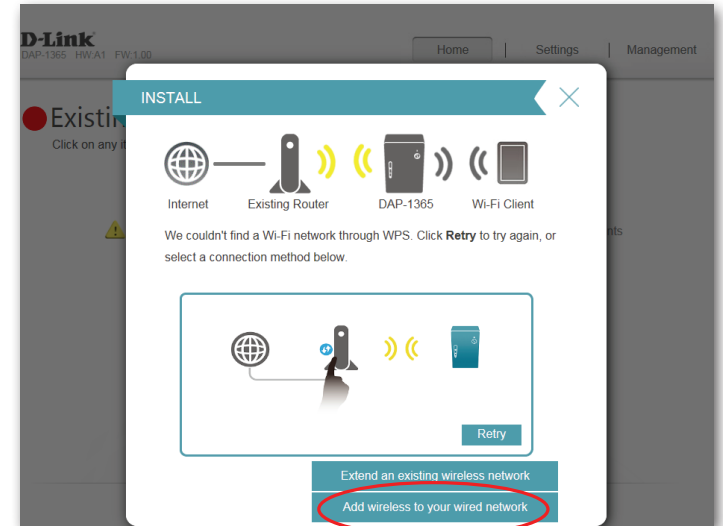
Click **Next** to proceed to **Configure Administrator Password**, refer to page 30 for more information, or click **Back** to return to the previous step.



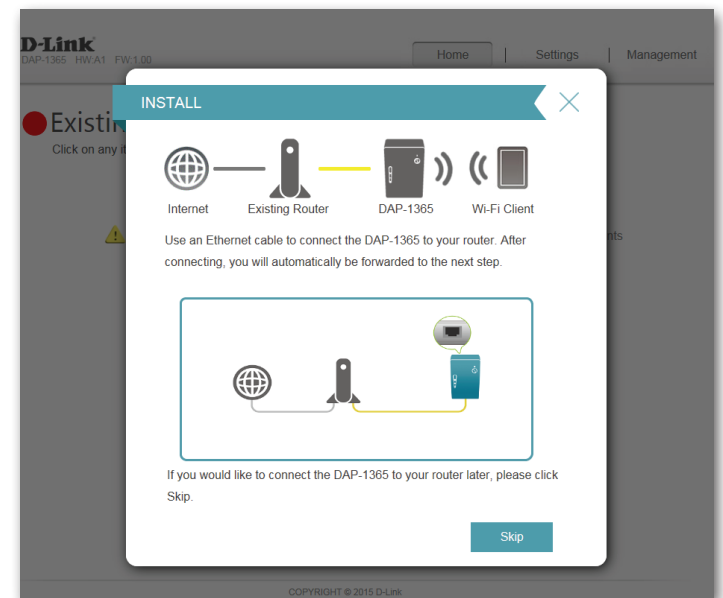
*Wireless network names and passwords are shown for example only.

Add Wireless to Your Wired Network

This portion of the setup wizard will guide you through adding a wireless network to an existing wired network. Click **Add wireless to your wired network** to proceed.



Connect an Ethernet cable to your DAP-1365 if you have not already done so. After making the connection, you will automatically be forwarded to the next step. If you haven't connected an Ethernet cable yet, but will do so later, click **skip**.

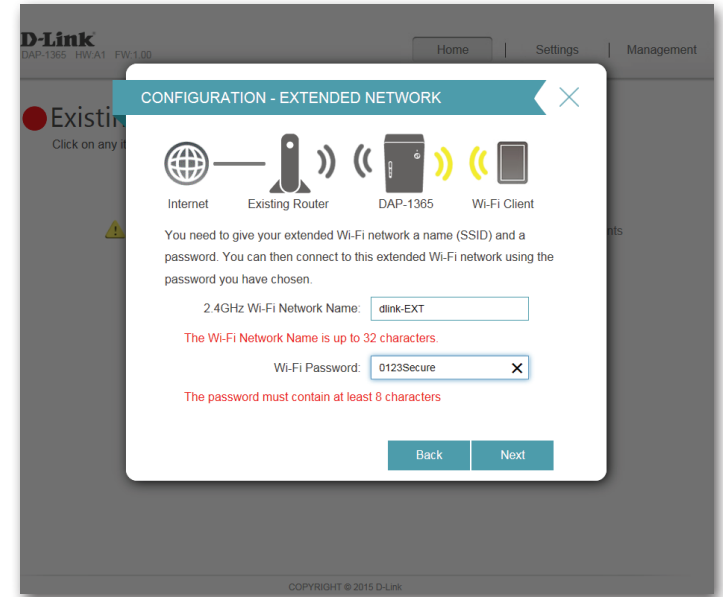


If a connection is successfully established you will be prompted to configure your wireless network settings. The current network names and passwords will be displayed.

You may now rename the 2.4 GHz network extension network and create a new password if you wish.

Please be sure to note any changes you make as these credentials will be required for wireless clients wishing to join your network.

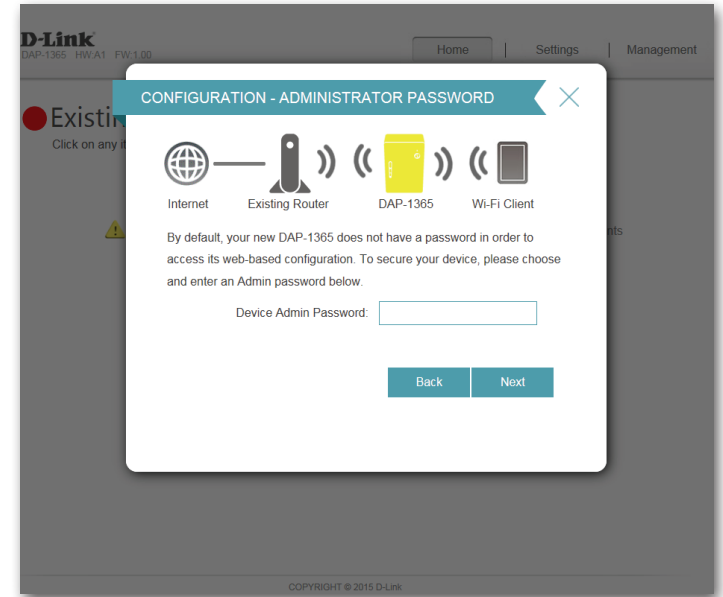
Click **Next** to proceed to **Configure Administrator Password**, refer to page 30 for more information, or click **Back** to return to the previous step.



*Wireless network names and passwords are shown for example only.

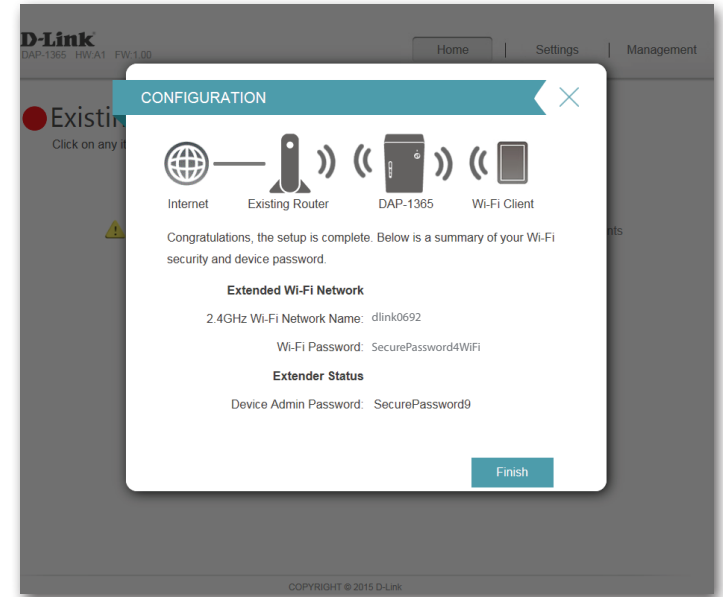
Configure Administrator Password

In order to secure the extender's web configuration utility, please enter a new password. You will be prompted for this password each time you want to use the extender's web configuration utility. Click **Next** to continue onward to **Save Your Configuration**.



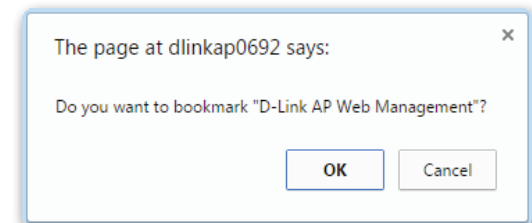
Save Your Configuration

At the end of the wizard, you will be presented with a final summary of your settings. It is recommended that you record this information for future reference. Click **Finish** to close the wizard.



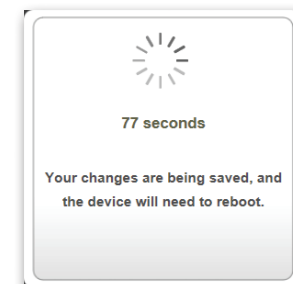
*Wireless network names and passwords are shown for example only.

You will be asked if you wish to create a bookmark to the web configuration utility.



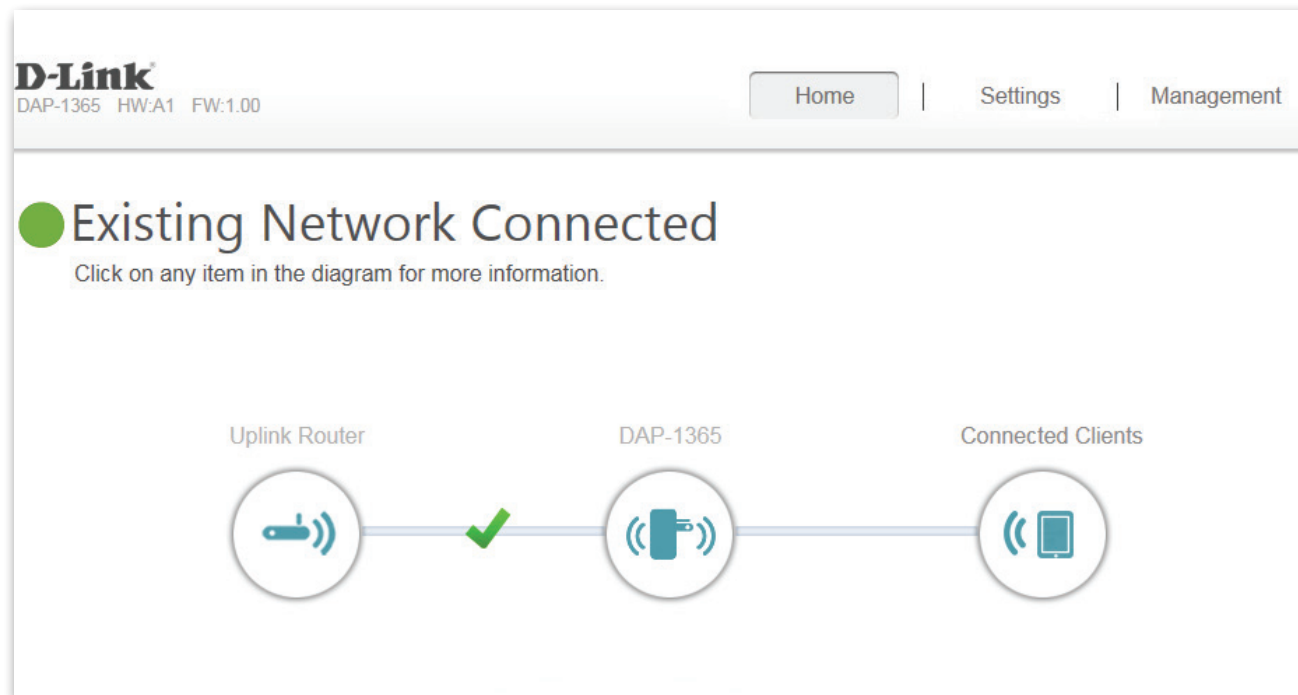
Your changes will be saved and the extender will reboot.

Devices may be connected to the new wireless extension network(s) once the extender successfully reboots.



Configuration Home

The home screen gives a summary of the current status of devices connected to the DAP-1365. A green check between the device and the uplink router indicates that there is an active connection. A red X indicates that there is no connection present, or there is a connection error. If there's no active uplink connection, click on the Uplink Router icon to start the setup wizard.



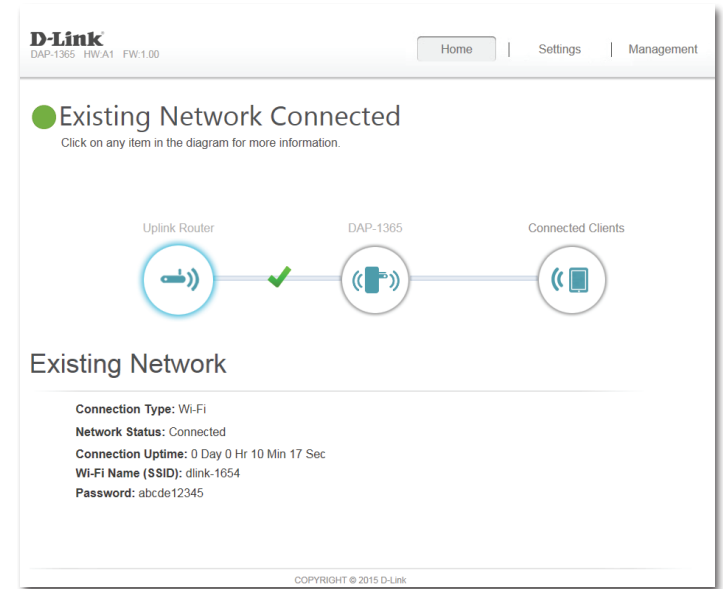
Uplink Router: This icon shows the status of the connection to the uplink router. It is grey if the DAP-1365 is not connected to an uplink router. Once connected, click on it to see its connection details.

DAP-1365: Click on this icon to see the network and extended Wi-Fi details of the DAP-1365.

Connected Clients: Click on the Wi-Fi Clients icon to see client details.

Uplink Router

Upon clicking the Uplink Router icon, you will see the connection type, network status, connection up time, network name (SSID), and password.



DAP-1365

To view the DAP-1365's Network and Wi-Fi information, click on the **DAP-1365** icon. Your **Network** and **Extended Wi-Fi Network** settings are displayed at the bottom of the page.

Your Extender's MAC, IPv4, subnet mask, default gateway, and DNS Server addresses are displayed. To change the Network settings, refer to page 37.

Your Extender's extension Wi-Fi network name and password are also displayed. To change the extension Wi-Fi network settings, refer to page 36.

The screenshot displays the D-Link DAP-1365 web interface. At the top, the D-Link logo and model number 'DAP-1365 HW: A1 FW: 1.00' are visible, along with navigation links for 'Home', 'Settings', and 'Management'. A green status indicator and the text 'Existing Network Connected' are prominently displayed, with a note to 'Click on any item in the diagram for more information.' Below this is a network diagram showing an 'Uplink Router' connected to 'DAP-1365', which is in turn connected to 'Connected Clients'. The 'DAP-1365' node is highlighted with a blue circle and a green checkmark. Underneath the diagram, the device name 'DAP-1365' and its 'Hardware Version: A1' and 'Firmware Version: 1.00' are listed. The interface is divided into three sections: 'Network', 'Extended Wi-Fi', and 'IPv4 / IPv6'. The 'Network' section lists: MAC Address: 00:03:7F:00:01:14, Device IP Address: 192.168.90.28, Subnet Mask: 255.255.255.0, Default Gateway: 192.168.90.1, and DNS Server: 192.168.90.1. The 'Extended Wi-Fi' section shows: Wi-Fi Network Name(2.4GHz): dlink-1654-EXT and Password: abcde12345. The footer contains the copyright notice 'COPYRIGHT © 2015 D-Link'.

Connected Clients

Click on the **Connected Clients** icon to view details about the extender and its wireless settings.

On this page you can see all the clients currently connected to the extender, along with their IP and MAC addresses.

Edit Rule ✕

Name:

Vendor: Unknown Vendor

MAC Address: 3c:1e:04:f3:b6:49

IP Address: 192.168.150.115

Settings

Extender Settings

This page lets you configure the settings for the DAP-1365's extended wireless network. To access this page, click the **Settings** drop-down menu at the top of the page, and select Extender. Click **Save** to apply the settings and return to the home page.

Existing Network

Existing Network: Select the type of existing network, either **Ethernet** or **Wi-Fi** you want the DAP-1365 to connect to.

2.4 GHz Extended Wi-Fi

Status: Enable or disable this network by toggling this slider.

Wi-Fi Name (SSID): This is the name of the DAP-1365's extended network. If using **Wi-Fi**, the DAP-1365 will rebroadcast the uplink router's Internet connection under this SSID. You may also manually set the SSID of the extended network.

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

Password: Enter the password or network key that you wish to use for the extended network.

Wi-Fi Channel: Select **Auto** or any channel from 1 to 13 for use with this network.

Channel Width: Select **Auto 20/40** or **20 MHz** for the bandwidth you wish this network to use.

HT20/40 Coexistence: Enable or disable HT20/40 coexistence by toggling the slider.

The screenshot displays the D-Link web interface for configuring the Extender. At the top, there are navigation links for Home, Settings, and Management. The main heading is 'Extender', with a sub-instruction: 'Use this section to configure the wireless settings for your DAP-1365. Please ensure you press Save after any changes made in this section for it to take effect.' Below this, there is a 'Settings >> Extender' breadcrumb and a 'Save' button. The 'Existing Network' section includes a dropdown menu for 'Existing Network' (set to Wi-Fi), a text input for 'Wi-Fi Name (SSID)' (dlink-1654), a 'Scan' button, a dropdown for 'Security' (WPA/WPA2-Personal), and a text input for 'Password' (abcde12345). The '2.4GHz Extended Wi-Fi' section features a 'Status' slider (set to Enabled), a 'Wi-Fi Name (SSID)' input (dlink-1654-EXT), a 'Security' dropdown (WPA/WPA2-Personal), and a 'Password' input (abcde12345).

Network Settings

This page lets you configure the network settings for the DAP-1365. To access this page, click the **Settings** drop-down menu at the top of the page, then select **Network**. Click **Save** at any time to save the changes you have made on this page.

Management Link: You can change the URL name of the device by editing the text in the text box. If you change the name of the device, you will need to enter "http://xxxx.local/" (where "xxxx" corresponds to the name of the device) in the address bar of your web browser in order to access the configuration utility.

Settings >> Network Save

Network Settings

Device Name: http:// .local [Advanced Settings...](#)

Advanced Settings

The Advanced Settings section of the Network Settings page allows you to configure both IPv4 and IPv6 settings that will be used by the DAP-1365's extended network.

IPv4 Device Management Interface

My LAN Connection is: Here you can select whether you want the IP to have a **Dynamic IP** or **Static IP** address. If you select Dynamic IP, the options below will not be available.

IP Address: Enter the Static IP 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 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.

IPv4 Device Management Interface

Choose a IPv4 provisioning mechanism to be used by the AP.

My LAN Connection is: ▼

IP Address:

Subnet Mask:

Gateway Address:

Primary DNS Server:

Secondary DNS Server:

Autoconfiguration (SLAAC/DHCPv6)

IPv6 Device Management Interface

My IPv6 Connection is: Select **Autoconfiguration (SLAAC/DHCPv6)** to have the DAP-1365 automatically receive an IPv6 address from the uplink router.

Obtain IPv6 DNS Servers Automatically: You can select to obtain IPv6 DNS server information automatically, or you can select to configure DNS servers manually by clicking on the radio dial next to the option.

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.

The screenshot shows the 'IPv6 Device Management Interface' configuration page. At the top, it says 'Choose a IPv6 provisioning mechanism to be used by the AP.' Below this, there is a dropdown menu labeled 'My IPv6 Connection is:' with 'Autoconfiguration (SLAAC/DHCPv6)' selected. Underneath, it says 'Obtain a DNS server address automatically or enter a specific DNS server address.' There are two radio button options: 'Obtain IPv6 DNS Servers automatically' (which is unselected) and 'Use the following IPv6 DNS Servers' (which is selected). At the bottom, there are two input fields: 'Primary DNS Server:' and 'Secondary DNS Server:'.

Static IPv6

IPv6 Device Management Interface

My IPv6 Connection is: Select **Static IPv6** to manually assign an IP address to the DAP-1365.

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.

The screenshot shows the 'IPv6 Device Management Interface' configuration page. At the top, it says 'Choose a IPv6 provisioning mechanism to be used by the AP.' Below this is a dropdown menu labeled 'My IPv6 Connection is:' with 'Static IPv6' selected. Underneath, it says 'Enter the IPv6 address information that you would like to use to access the Web-based management interface.' There are five input fields: 'IPv6 Address:', 'Subnet Prefix Length:', 'Default Gateway:', 'Primary DNS Server:', and 'Secondary DNS Server:'. At the bottom right, there is a copyright notice: 'Copyright © 2013 D-Link Corporation/D-Link Systems, Inc.'


Link-local Only

IPv6 Device Management Interface

My IPv6 Connection is: Select **Link-local only** to only set an IPv6 address for the local network.

LAN IPv6 Link-Local Address: The link-local address of the DAP-1365.

IPv6 Device Management Interface
Choose a IPv6 provisioning mechanism to be used by the AP.

My IPv6 Connection is: 

The LAN IPv6 Link-Local Address is the IPv6 Address that you use to access the Web-based management interface.

LAN IPv6 Link-Local Address: FE80::CABE:19FF:FEE5:1411/64

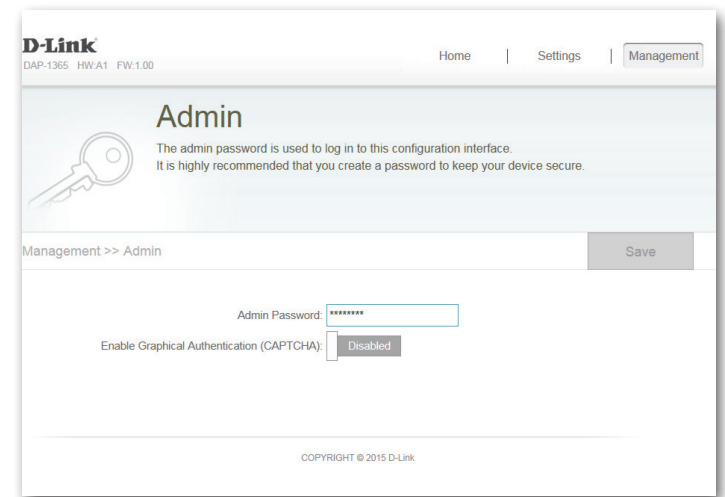
Management Admin

This page will allow you to set a new password for the administrator account used to configure the DAP-1365. You can also enable graphical authentication (CAPTCHA) on this page. To access this page, click the **Management** drop down menu at the top of the page, and select **Admin**. Click **Save** at any time to save the changes you have made on this page.

Admin Password: Enter the Admin password.

Enable Graphical Authentication: Click on the slider to enable graphical authentication, or CAPTCHA. This provides an extra layer of security by requiring you to enter a code that is displayed on-screen. This can help prevent unauthorized users from gaining access to your wireless network using automated methods.

Note: The device will reboot after saving the changes in order for the password to take effect.



System

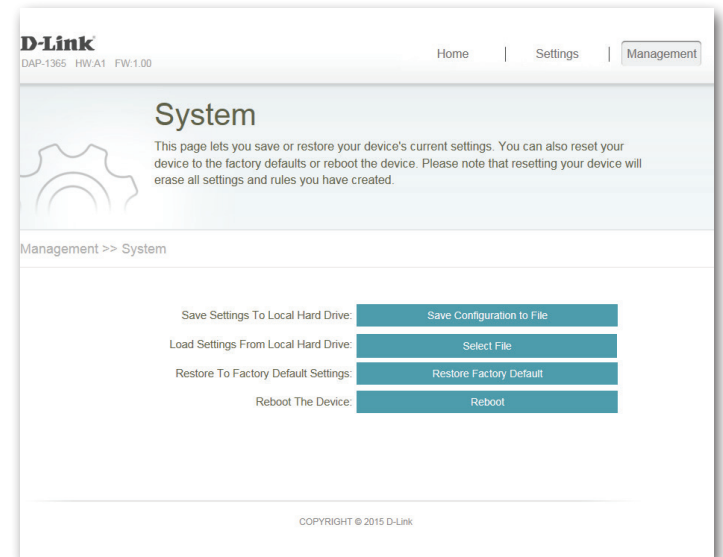
This page allows you to save or restore your system configuration, reset, or reboot the DAP-1365. To access this page, click the **Management** drop down menu at the top of the page, and select **System**. Click **Save** at any time to save the changes you have made on this page.

Save Settings To Local Hard Drive: Save the system settings onto a file to the local hard drive. You will then see a file dialog where you can select a location and enter a file name for the configuration file.

Load Settings From Local Hard Drive: Load the system settings from a previously saved file on the local hard drive.

Restore to Factory Default Settings: Restore the system settings to factory default settings. This will erase all currently stored settings.

Reboot the Device: Click **Reboot** to reboot the DAP-1365.



Upgrade

Firmware and language upgrades may be provided for the DAP-1365 in the future. You can check and upgrade your firmware and language pack on this page. To access this page, click the **Management** drop down menu at the top of the page, and select **Upgrade**. Click **Save** at any time to save the changes you have made on this page.

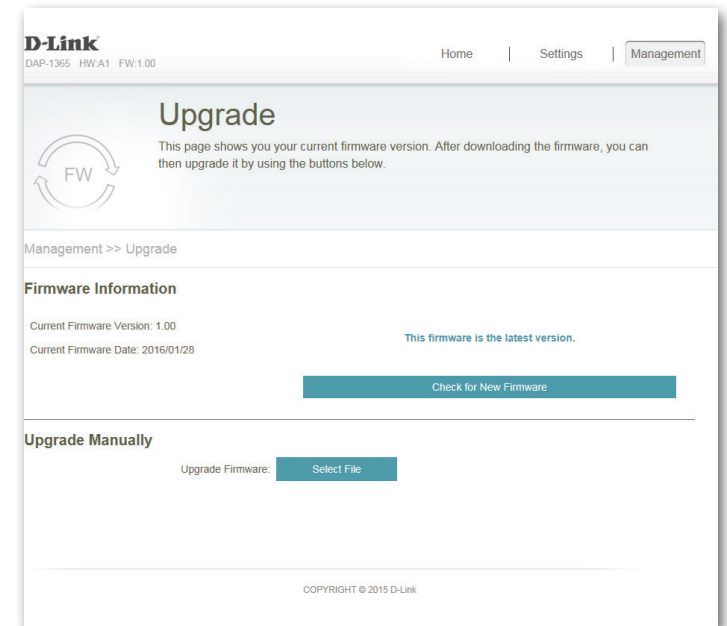
Firmware Information

Firmware Information: This section displays the currently installed firmware version, as well as the date on which the current firmware version was released.

Click **Check For New Firmware** to find out if there is new or updated firmware. If there is, you can download it to your computer.

Upgrade Manually

Upgrade Firmware: Click **Select File** to locate the firmware file on your computer and perform a manual firmware upgrade.



Statistics

This page displays details about your wireless and network connections. To access this page, click the **Management** drop-down menu at the top of the page, and select **Statistics**. Click **Clear** to reset the statistics.

LAN, Wi-Fi, and Extended Wi-Fi

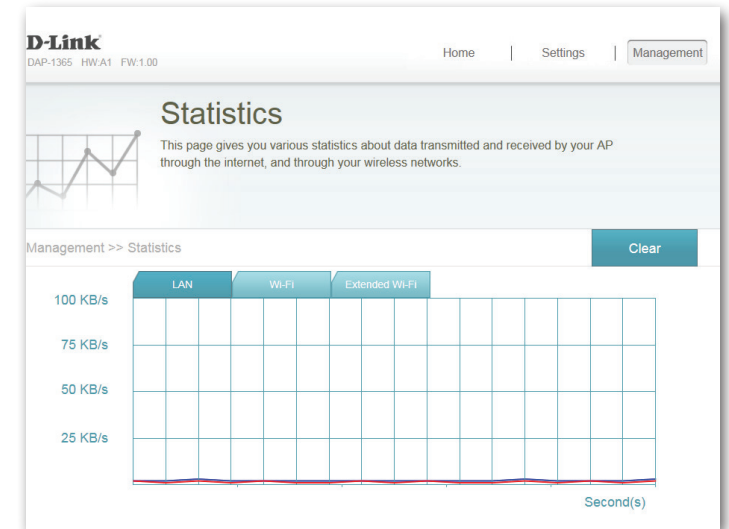
Click on the various tabs to display the statistics for the various interfaces on the DAP-1365.

The Blue line indicates the upload speeds and the red line indicates the download speeds.

The table displays the following in real-time:

- Total Packets
- Total Byte(s)
- Total Kbit(s)
- Kbits/sec

Pressing the **Clear** button resets the statistics.



Connecting Wireless Clients to the Extended Network

WPS Button

Once an uplink network has been established, you may use the DAP-1365'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-1365. 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-1365 for about 1 second. The Status/WPS LED on the DAP-1365 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 secured with WPA2.

Windows® 10

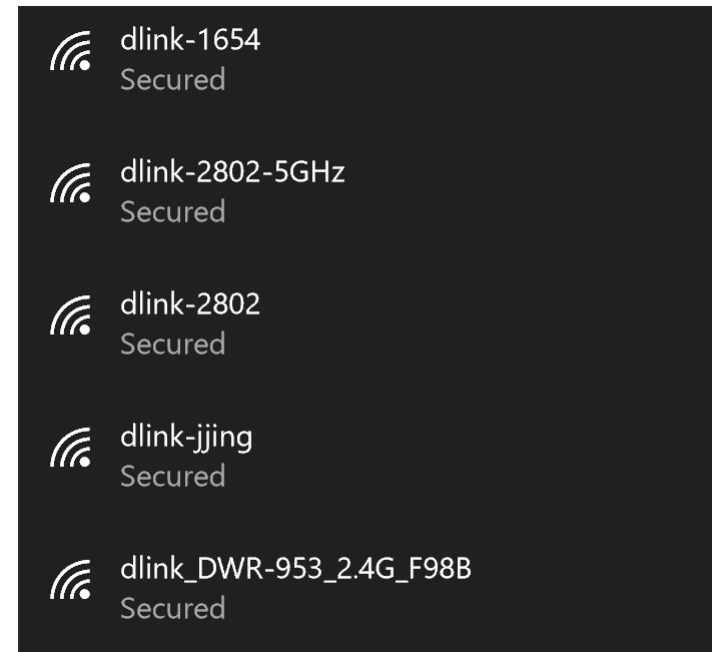
When connecting to the DAP-1365 wirelessly for the first time, you will need to input the wireless network name (SSID) and Wi-Fi password (security key) of the device you are connecting to. If your product has a Wi-Fi configuration card, you can find the default network name and Wi-Fi password here. Otherwise refer to the product label 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.



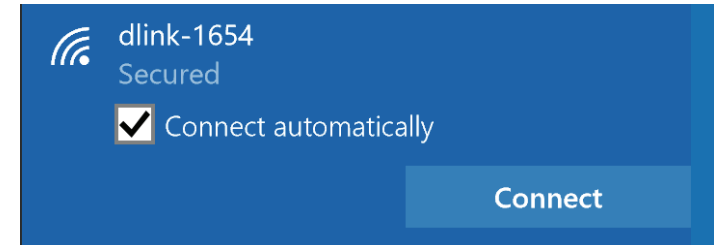
Wireless Icon

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.



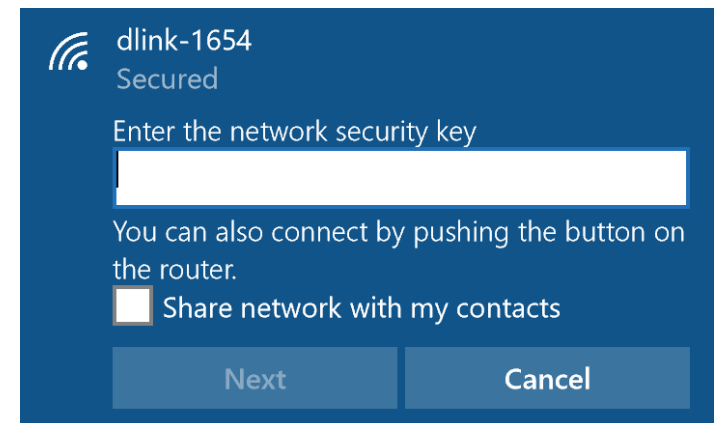
To connect to the SSID, click **Connect**.

To automatically connect with the router when your device next 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.

You can also use Wi-Fi Protected Setup (WPS) to connect to the router. Press the WPS button on your D-Link device and you will be automatically connected.



Windows® 8

WPA/WPA2

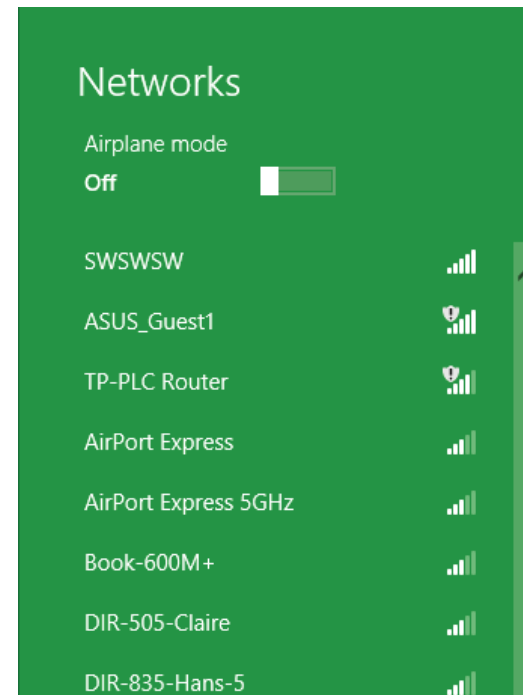
It is recommended to enable wireless security (WPA/WPA2) on your wireless router or extender before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key (Wi-Fi password) being used.

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



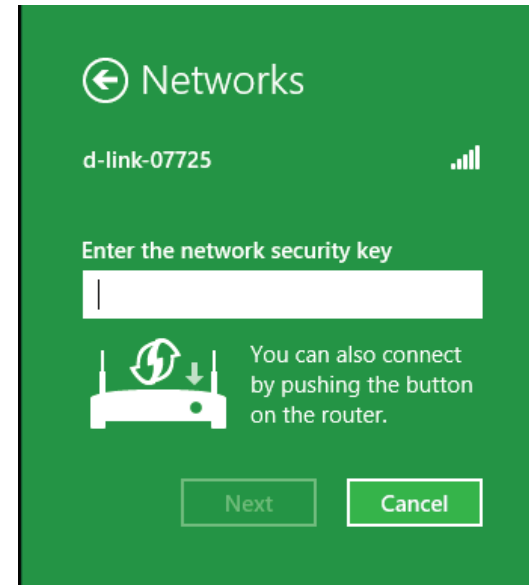
Wireless Icon

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.

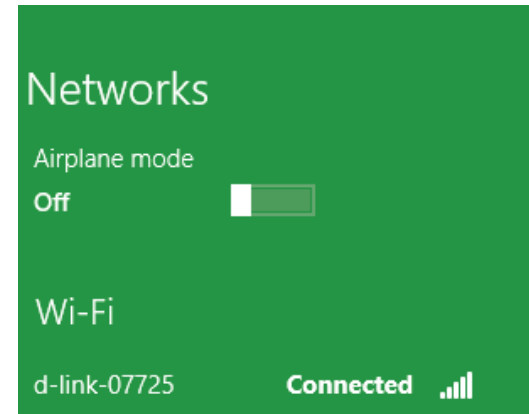


You will then be prompted to enter the network security key (Wi-Fi password) for the wireless network. Enter the password into the box and click **Next**.

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 with a wireless network, the word **Connected** will appear next to the name of the network to which you are connected.



Windows® 7

WPA/WPA2

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

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



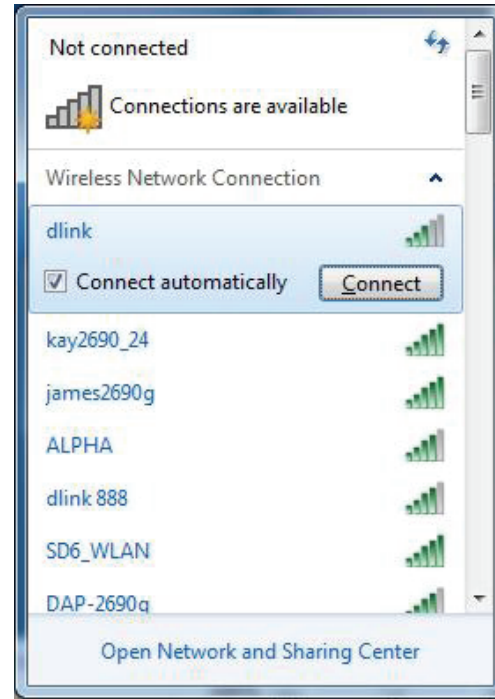
Wireless Icon

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

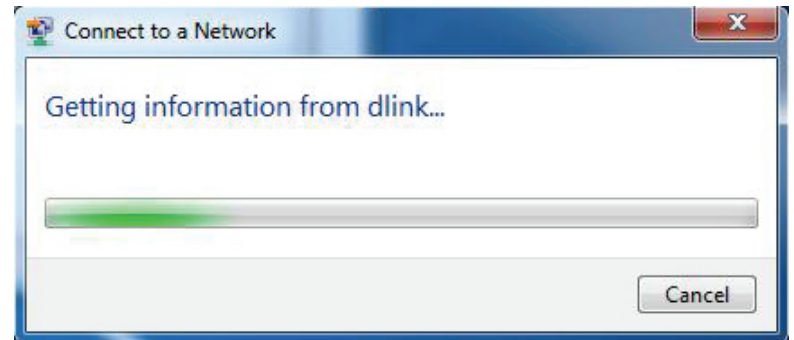


3. Highlight the wireless network (SSID) you would like to connect to and click the **Connect** button.

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

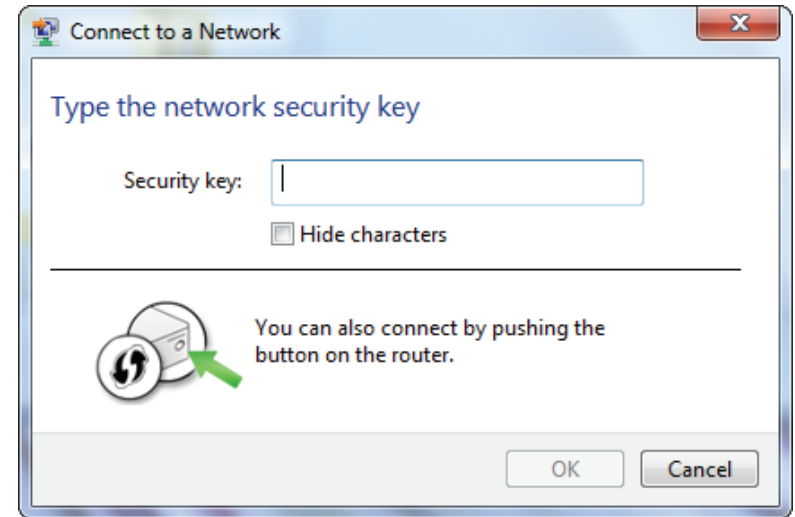


4. The following window appears while your computer tries to connect to the router.



5. Enter the same security key or passphrase that is on your router 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.



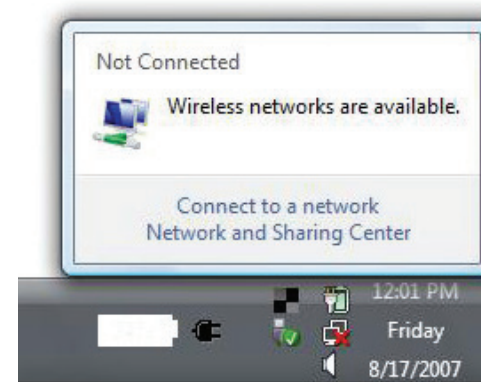
Windows Vista®

Windows Vista® users may use the built-in wireless utility. If you are using another company's utility or Windows® 2000, please refer to the user manual of your wireless adapter for help with connecting to a wireless network. Most utilities will have a "site survey" option similar to the Windows Vista® utility as seen below.

If you receive the "Wireless Networks Are Available" bubble, click on the center of the bubble to access the utility.

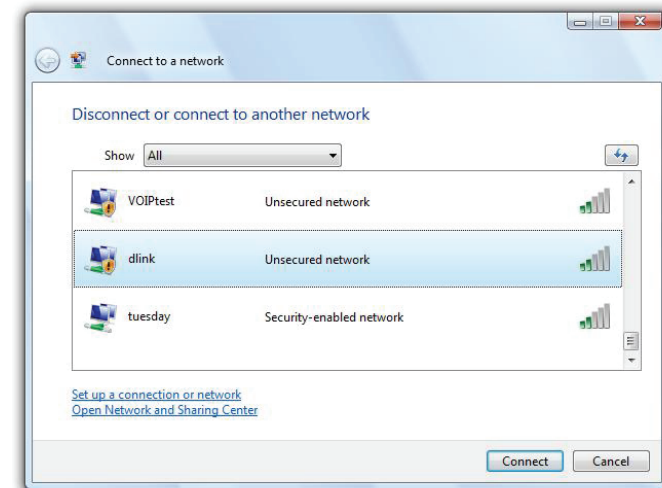
or

Right-click on the wireless computer icon in your system tray (lower-right corner next to the time). 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 **Connect**.

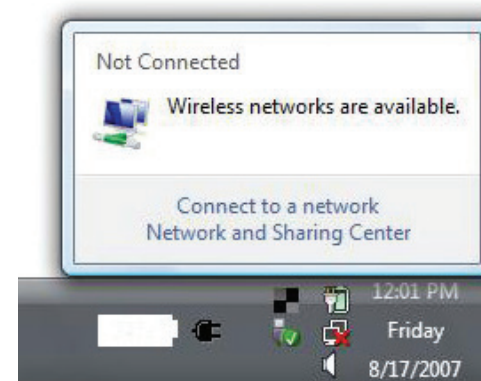
If you get a good signal but cannot access the Internet, check the TCP/IP settings for your wireless adapter. Refer to "Troubleshooting" on page 56 for more information.



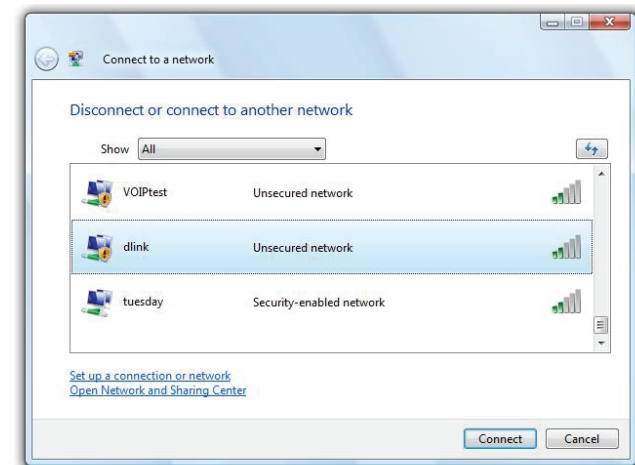
WPA/WPA2

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

1. Open the Windows Vista® Wireless Utility by right-clicking on the wireless computer icon in your system tray (lower right corner of screen). Select **Connect to a network**.

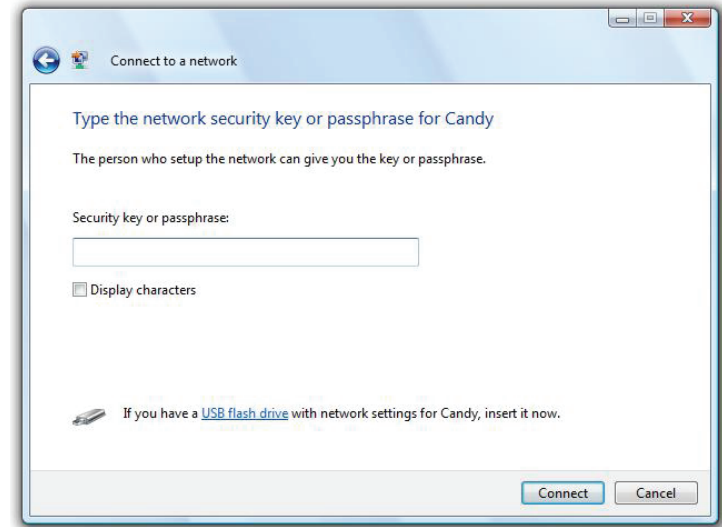


2. Highlight the wireless network (SSID) you would like to connect to and click **Connect**.



3. Enter the same security key or passphrase that is on your router 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.



Troubleshooting

This chapter provides solutions to problems that can occur during the installation and operation of the DAP-1365. Read the following descriptions if you are having problems. The examples below are illustrated in Windows® XP. If you have a different operating system, the screenshots on your computer will look similar to the following examples.

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

When entering the web browser link of the N300 Wi-Fi Range Extender with Power Passthrough (dlinkap.local./ for example), you are not connecting to a website nor do you 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:
 - Internet Explorer 10 or later
 - Firefox 28 or later
 - Safari 6 or later
 - Google Chrome 28.0 or later
- Make sure that you are connected to the same wireless network which is listed on the base of the DAP-1365. If you have an active wired LAN Ethernet connection, try temporarily unplugging the Ethernet cable from the computer you are using, as this may eliminate possible conflicts from having two simultaneous connections on the same computer.
- 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 interface. Open your web browser and enter the address of your extender (**http://dlinkap.local./**) in the address bar. This should open the login page for your web management. If the DAP-1365 is not connected to an uplink router, you can try accessing the web interface using the default IP address **http://192.168.0.50**.
- If you still cannot access the configuration, unplug the extender from the power outlet for at least 10 seconds and plug it 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 extender. Unfortunately this process will change all your settings back to the factory defaults.

To reset the extender, locate the reset button (hole) on the underside panel of the unit. With the extender powered on, use a paperclip to hold the button down for 10 seconds. Release the button and the extender will go through its reboot process (indicated by the LED turning red). Wait about 30 seconds to access the extender. The default IP address is **http://dlinkap.local./** When logging in, the username is **admin** and leave the password box empty.

Wireless Basics

D-Link wireless products are based on industry standards to provide easy-to-use and compatible high-speed wireless connectivity within your home, business or public access wireless networks. Strictly adhering to the IEEE standard, the D-Link wireless family of products will allow you to securely and conveniently access your network. You will be able to enjoy the freedom that wireless networking delivers.

A wireless local area network (WLAN) is a cellular computer network that transmits and receives data with radio signals instead of wires. Wireless LANs are used increasingly in both home and office environments, and public areas such as airports, coffee shops and universities. Innovative ways to utilize WLAN technology are helping people to work and communicate more efficiently. Increased mobility and the absence of cabling and other fixed infrastructure have proven to be beneficial for many users.

Wireless users can use the same applications they use on a wired network. Wireless adapters used on laptop and desktop systems support the same protocols as Ethernet adapter cards.

Under many circumstances, it may be desirable for mobile network devices to link to a conventional Ethernet LAN in order to use servers, printers or an Internet connection supplied through the wired LAN. A wireless router is a device used to provide this link.

Tips

Here are a few things to keep in mind when you are installing your N300 Wi-Fi Range Extender with Power Passthrough.

Centralize the extender's location

For best performance, make sure you place the extender in a centralized location within your desired usage area. Try to place the extender so that there are minimal obstructions between it and the uplink router. If possible, use an elevated power outlet, so the signal can be dispersed more easily. If you have a large home or usage area, you may need several extenders in order to achieve optimal coverage.

Eliminate Interference

Place home appliances such as cordless telephones, microwaves, and televisions as far away as possible from the extender. This can significantly reduce any interference that the appliances might cause since they operate on same frequency.

Security

Don't let your neighbors or intruders connect to your wireless network. Secure your wireless network by utilizing the WPA or WEP security feature on the extender and uplink router. Refer to the relevant sections of this manual for further details.

Technical Specifications

Standards

- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b

Wireless Frequency Range ¹

- 2.4 GHz to 2.4835 GHz

Device Interfaces

- 802.11n/g/b Wireless LAN
- 10/100 Fast Ethernet Port
- Reset Button
- WPS Button
- AC Passthrough Outlet

Antenna

- External Antenna

Security

- Wi-Fi Protected Access (WPA/WPA2)
- Wi-Fi Protected Setup (WPS)

Advanced Features

- QRS Mobile setup app for iOS and Android devices

Device Management

- Web UI

Diagnostic LEDs

- Status/WPS
- 3 Segment Wi-Fi Signal Strength Indicator

Operating Temperature

- 0 to 40 °C (32 to 104 °F)

Storage Temperature

- Storage: -20 to 65 °C (-4 to 149 °F)

Operating Humidity

- 0% to 90% non-condensing

Storage Humidity

- 5% to 95% non-condensing

Power Input

- AC 100-240 V

Maximum Power Consumption

- 2.8 W

Certifications

- EMI/EMC
- FCC
- CE
- CB
- UL
- Wi-Fi Certified

Dimensions

- 92 x 67 x 59.55 mm (3.62 x 2.64 x 2.34 inches)

Weight

- 144.3 grams (5.09 ounces) US Type

¹ Frequency range varies depending on local regulations

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- At the time of writing this addendum, some countries such as Italy, Greece, Portugal, and Spain have not allowed operation of radio devices in the 5 Ghz bands, although operation of 2.4 Ghz radio devices is allowed. Please check with your local authority to confirm.
- 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, except in France where restrictive use applies. This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIR P in the frequency range of 2454 –2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

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, OL, PT, RO, SM, SE, RS, SK, ES, CI, HU, 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 within the EU.

2.4 GHz Wireless Frequency and Channel Operation in EEC Countries:

Region	Frequency Band	Max output power (EIRP)
Metropolitan	2400 - 2454 MHz	100 mW
Guadeloupe, Martinique, St Pierre et Miquelon, Mayotte	2454 - 2483.5 MHz	100 mW indoor, 10 mW outdoor
Reunion et Guyane	2400 - 2483.5 MHz	100 mW
Rest of EU community	2420 - 2483.5 MHz	100 mW

R&TTE 1999/5/EC			
WLAN 2.4 - 2.4835 GHz			
IEEE 802.11b/g/n			
Spectrum Regulation	MHz, Europa (ETSI)	max. EIRP Innenbereich	max. EIRP Außenbereich
Europa	2400 - 2483.5 MHz	100 mW	100 mW
Frankreich	2400 - 2454 MHz	100 mW	100 mW
	2454 - 2483.5 MHz	100 mW	10 mW

European Community Declaration of Conformity:

Česky [Czech]	D-Link tímto prohlašuje, že tento DAP-1365 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Undertegnede D-Link erklærer herved, at følgende udstyr DAP-1365 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]	Hiermit erkläre D-Link, dass sich das Gerät DAP-1365 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab D-Link seadme DAP-1365 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	D-Link hereby, declares that this DAP-1365 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]	Por medio de la presente D-Link declara que el DAP-1365 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ D-Link ΔΗΛΩΝΕΙ ΟΤΙ DAP-1365 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Français [French]	Par la présente D-Link déclare que l'appareil DAP-1365 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]	Con la presente D-Link dichiara che questo DAP-1365 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo D-Link deklarē, ka DAP-1365 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo D-Link deklaruoja, kad šis DAP-1365 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart D-Link dat het toestel DAP-1365 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Malti [Maltese]	Hawnhekk, D-Link, jiddikjara li dan DAP-1365 jikkonforma mal-ħtigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]	Alulírott, D-Link nyilatkozom, hogy a DAP-1365 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym D-Link oświadcza, że DAP-1365 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Português [Portuguese]	D-Link declara que este DAP-1365 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko [Slovenian]	D-Link izjavlja, da je ta DAP-1365 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]	D-Link týmto vyhlasuje, že DAP-1365 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]	D-Link vakuuttaa täten että DAP-1365 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Warning Statement:

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



Safety Instructions

Please adhere to the following safety guidelines to help ensure your own personal safety and protect your system from potential damage. Any acts taken that are inconsistent with ordinary use of the product, including improper testing, etc., and those not expressly approved by D-Link may result in the loss of product warranty.

Unless expressly approved by an authorized representative of D-Link in writing, you may not and may not permit others to:

- Disassemble or reverse engineer the device or attempt to derive source code (underlying ideas, algorithms, or structure) from the device or from any other information provided by D-Link, except to the extent that this restriction is expressly prohibited by local law.
- Modify or alter the device.
- Remove from the device any product identification or other notices, including copyright notices and patent markings, if any.

To reduce the risk of bodily injury, electrical shock, fire, and damage to the device and other equipment, observe the following precautions:

Power Sources

- Observe and follow service markings.
- Do not push any objects into the openings of your device unless consistent with the authorized operation of the device. Doing so can cause a fire or an electrical shock by shorting out interior components.
- The powering of this device must adhere to the power specifications indicated for this product.
- Do not overload wall outlets and/or extension cords as this will increase the risk of fire or electrical shock.
- Do not rest anything on the power cord or on the device (unless the device is made and expressly approved as suitable for stacking).
- Position system cables and power cables carefully; route cables so that they cannot be stepped on or tripped over. Be sure that nothing rests on any cables.
- Operate the device only from the type of external power source indicated on the electrical ratings label.

- To help avoid damaging your device, be sure the voltage selection switch (if provided) on the power supply is set to match the power available at your location.
- Also be sure that attached devices are electrically rated to operate with the power available in your location.
- Use only approved power cable(s). If you have not been provided a power cable for your device or for any AC -powered option intended for your device, purchase a power cable that is approved for use in your country and is suitable for use with your device. The power cable must be rated for the device and for the voltage and current marked on the device's electrical ratings label. The voltage and current rating of the cable should be greater than the ratings marked on the device.
- To help prevent an electrical shock, plug the device and peripheral power cables into properly grounded electrical outlets. These cables are equipped with three-prong plugs to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from a cable. If you must use an extension cable, use a 3-wire cable with properly grounded plugs.
- Observe extension cable and power strip ratings. Ensure that the total ampere rating of all products plugged into the extension cable or power strip does not exceed 80 percent of the ampere ratings limit for the extension cable or power strip.
- To help protect your device from sudden, transient increases and decreases in electrical power, use a surge suppressor, line conditioner, or uninterruptible power supply (UPS).
- Do not modify power cables or plugs. Consult a licensed electrician or your power company for site modifications. Always follow your local/national wiring rules.
- When connecting or disconnecting power to hot-pluggable power supplies, if offered with your device, observe the following guidelines.
- Install the power supply before connecting the power cable to the power supply.
- Unplug the power cable before removing the power supply.
- If the system has multiple sources of power, disconnect power from the device by unplugging all power cables from the power supplies.

Servicing/Disassembling

- Do not service any product except as expressly set forth in your system documentation.
- Opening or removing covers that are marked with the triangular symbol with a lightning bolt may expose you to an electrical shock. Only a trained service technician should service components inside these compartments.
- To reduce the risk of electrical shock, never disassemble this device. None of its internal parts are user-replaceable; therefore, there is no reason to access the interior.
- Do not spill food or liquids on your system components, and never operate the device in a wet environment. If the device gets wet, see the appropriate section in your troubleshooting guide or contact your trained service provider.
- Use the device only with approved equipment.
- Move products with care; ensure that all casters and/or stabilizers are firmly connected to the system. Avoid sudden stops and uneven surfaces.

Environment

- Do not use this device near water (e.g. near a bathtub, sink, laundry tub, fish tank, in a wet basement or near a swimming pool).
- Do not use this device in areas with high humidity.
- This device must not be subjected to water or condensation.
- Keep your device away from radiators and heat sources. Also, do not block cooling vents.

Cleaning

- Always unplug the power before cleaning this device.
- Do not use liquid or aerosol cleaners of any kind. Use only compressed air that is recommended for electronic devices.
- Use a dry cloth for cleaning.

Protecting Against Electrostatic Discharge

Static electricity can harm delicate components inside your system. To prevent static damage, discharge static electricity from your body before you touch any of the electronic components, such as the microprocessor. You can do so by periodically touching an unpainted metal surface on the chassis.

You can also take the following steps to help prevent damage from electrostatic discharge (ESD):

1. When unpacking a static-sensitive component from its shipping carton, do not remove the component from the antistatic packing material until you are ready to install the component in your system. Just before unwrapping the antistatic packaging, be sure to discharge static electricity from your body.
2. When transporting a sensitive component, first place it in an antistatic container or packaging.
3. Handle all sensitive components in a static-safe area. If possible, use antistatic floor pads, workbench pads, and an antistatic grounding strap.

Environmental

This product may contain a battery. Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local/national disposal and recycling regulations. For more information, please refer to the warranty guide.

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 réglementations 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

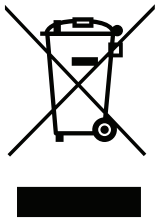
D-Link cerca da sempre di ridurre l'impatto ambientale dei propri stabilimenti e dei propri prodotti. Allo scopo di ridurre al minimo tale impatto, D-Link progetta e realizza i propri prodotti in modo che rispettino il più possibile l'ambiente, utilizzando materiali riciclabili a basso tasso di tossicità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



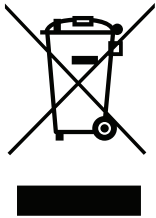
Dit symbool op het product of de verpakking betekent dat dit product volgens de plaatselijke wetgeving niet mag worden weggegooid met het huishoudelijk afval, maar voor recyclage moeten worden ingeleverd. Zodra het product het einde van de levensduur heeft bereikt, dient u het naar een inzamelpunt te 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**

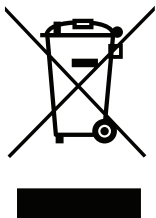
Ten symbol umieszczony na produkcie lub opakowaniu oznacza, że zgodnie z miejscowym prawem i lokalnymi przepisami niniejszego produktu nie wolno wyrzucać jak odpady czy śmieci z gospodarstwa domowego, lecz należy go poddać procesowi recyklingu. Po zakończeniu użytkowania produktu, niektóre odpowiednie 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, odnese 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.

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

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 materiais 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.