



AX1500

EAGLE PRO AI

AX1500

Mesh Range Extender

E15



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

Hardware	Revision	Date	Description
A1	v1.00	08 October, 2021	Initial release

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Power Usage

ErP 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.

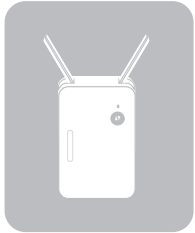
Network Standby: 4.47 watts

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Product Overview

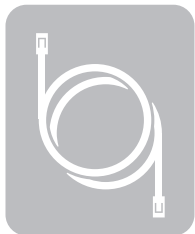
Package Contents



E15 AX1500 Smart Range Extender



Quick Install Guide



Ethernet Cable (RJ45, 1m)

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.• IEEE 802.11ax, IEEE 802.11ac, 802.11n, 802.11g, 802.11b, or 802.11a 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®, iPad®, or Android™ device <p>Browser Requirements:</p> <ul style="list-style-type: none">• Internet Explorer® 11 or later• Firefox® 28 or later• Safari® 6.0 or later• Google Chrome™ 28 or later
EAGLE PRO AI App Requirements	<ul style="list-style-type: none">• iOS® or Android™ device (Please refer to the description of the app's page to check whether your device is compatible.)

Introduction

The E15 is a repeater that extends the coverage of an existing wireless network in your premises. Utilizing the latest Wi-Fi 6 technology, your existing wireless mesh network delivers higher speeds, efficiency and reliability than previous generations. Simply connect E15 with your existing network equipment to extend the range and enhance the network capabilities of your home or office seamlessly; furthermore, the AI-empowered product series eases device administration and network management with advanced features and weekly reports, which keeps you informed of the clients' activities regarding Internet and bandwidth usage.

Features

High-speed Wireless Performance With Wireless 802.11ax Technology

Thanks to the latest wireless AX technology, the E15 supports MU-MIMO technology as well as OFDMA technology to handle more devices while reducing network latency. E15 offers a wireless connection speed up to 1,500 Mbps* with other 802.11ax wireless devices, allowing users to participate in real-time activities online, such as video streaming, online gaming, and more with smooth performance.

AI Optimized

With advanced AI features for continuous network monitoring and tuning, the E15 keeps your Wi-Fi perform optimally. Managing your network has never been easier with the AI-assisted features on the free EAGLE PRO AI app.

Compatibility

The E15 is not only compatible with the latest 802.11ax standard, but also backwards compatible with IEEE 802.11ac/n/g/b/a wireless devices, so you can use your existing devices without sacrificing performance.

Compact, Easy to Set Up and Use

The E15 is a compact device that is ideal for use at home or a small office, as it does not require much space with its diminutive wall-plug design. The bright Signal Indicator LED makes finding a suitable location a cinch. Setting up the AX1500 Smart Range Extender is simple. Besides the setup wizard from the web interface, the supported EAGLE PRO AI app on your compatible iOS or Android device offers guided step-by-step process.

Latest Wireless Network Security and Encryption

The E15 features the most advanced and robust WPA3 technology to help prevent unauthorized access to the wireless network. Support for WPA3, WPA2, and WPA standards ensure that you'll be able to use the best possible encryption methods with your compatible wireless devices.

Extend and Customize Your High-speed Wireless AX Network with Wi-Fi Mesh

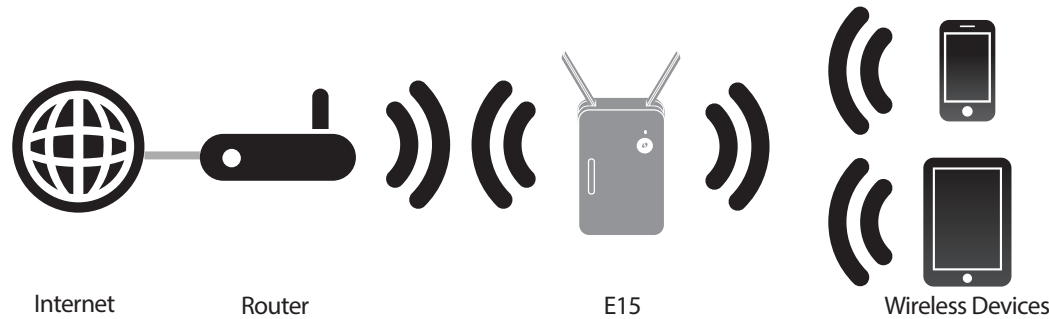
D-Link's Wi-Fi Mesh is a scalable solution that allows you to easily increase the coverage of your wireless AX network when connected to a D-Link Wi-Fi Mesh router. The automatic pairing streamlines the addition of mesh devices in the mesh topology with no tools required; just use an Ethernet cable to connect the main router and the E15.

* 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.

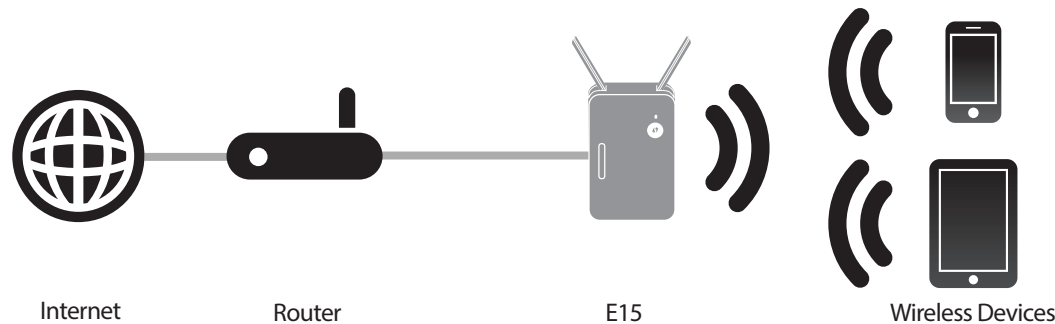
What is a Wireless Extender?

The E15 is a repeater that extends the range of an existing wireless network to provide better signals for parts of your home or office that may have poor or no reception. Your existing wireless signal will be re-broadcast by the E15, allowing you to reach the farthest corners of your home or office. Your E15 can be connected wirelessly or with an Ethernet cable. For flexibility of access control, the extended network can be configured to inherit the network credentials from the existing network, or you can specify a different network name and password.

Extend Your Wireless Network using Wi-Fi

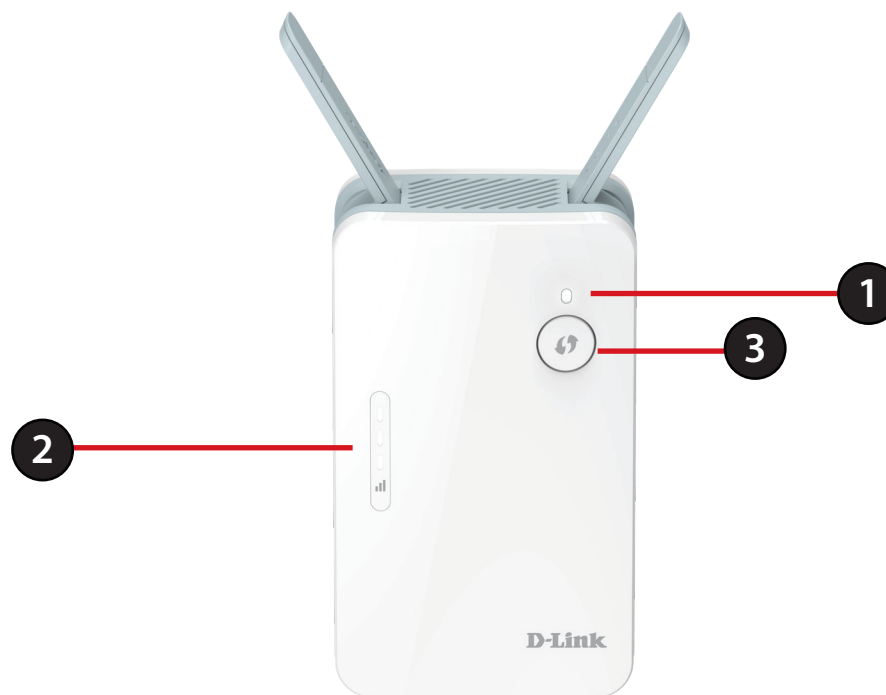


Extend Your Wireless Network using Ethernet



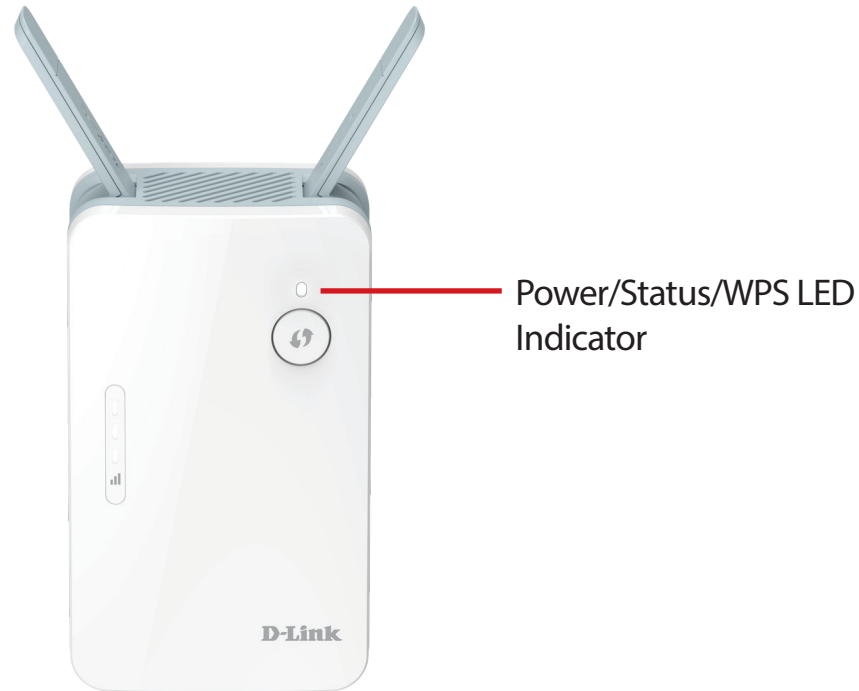
Hardware Overview

Front



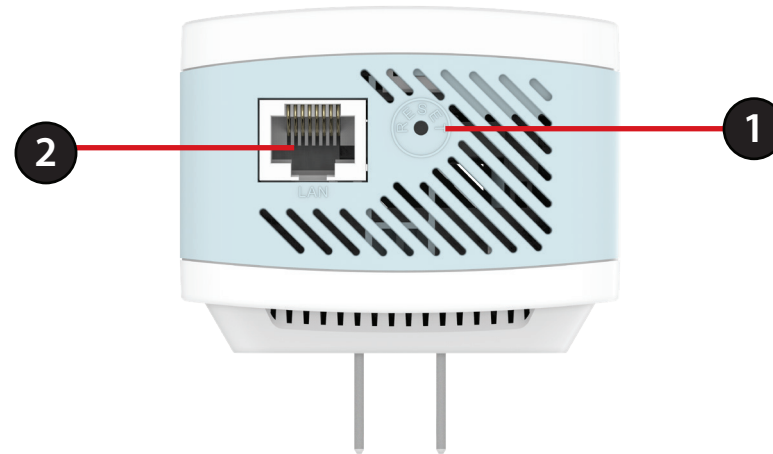
1	Status LED	This LED indicates the current status of the E15, as detailed on the next page
2	Signal Indicator LED	The more lit white bars on the Signal Indicator LED, the better the wireless signal to the host network. A single solid orange LED indicates a weak Wi-Fi signal.
3	WPS Button	Press to establish a connection with another WPS compatible device.

Power/Status/WPS LED Indicator



LED Indicator	Color	Status	Description
Power/Status/WPS	White	Solid	The E15 is receiving power and connected to a host network.
		Blinking	WPS mode is active and is searching for another WPS device. When the Flash LED or Identify this Extender button is pressed.
	Red	Solid	The E15 is booting or an error has occurred.
	Orange	Blinking	The E15 is not connected to a host network.
	White/Orange	Blinking	The E15 is undergoing firmware update process.
	None	Off	Device is not receiving power. Check the power outlet.

Bottom Side



1	Reset Button	Use an unfolded paperclip to press and hold the reset button and release (1-2 seconds). The Status LED should turn red. The extender will be restored to factory default settings.
2	LAN	Connect an Ethernet cable if you are equipping the current wired network with wireless connectivity.

Back

You may locate the Wi-Fi name (SSID) and password for your E15. This information is printed on the device label 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 E15. This information is also provided on the Quick Install Guide.



Installation

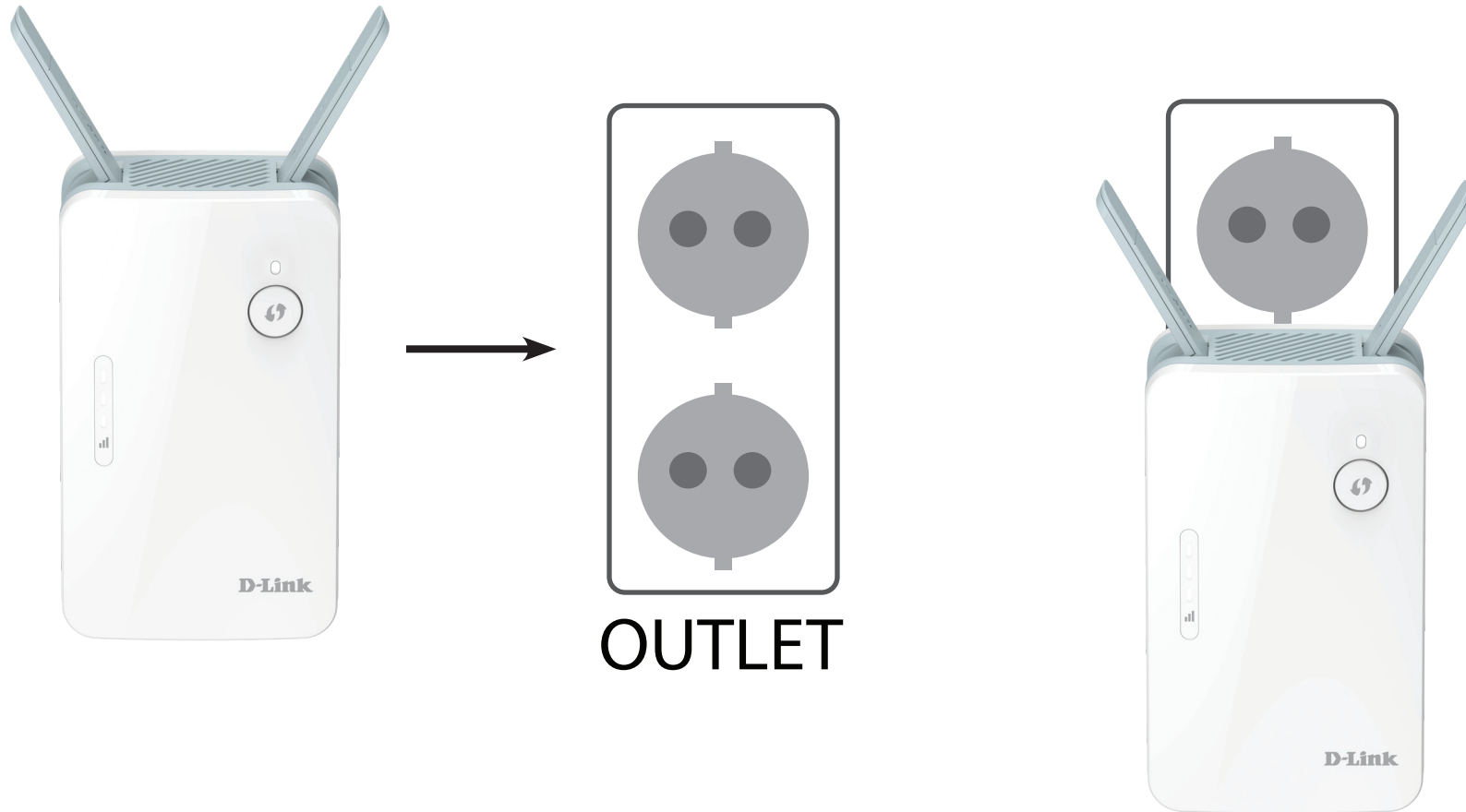
Wireless Installation Considerations

The E15 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 E15'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.

Hardware Setup

Plug in the E15 to a power outlet. Verify that the Status LED is blinking orange before continuing with the configuration.



Getting Started

There are several configuration tools you can use to set up your E15.

- **WPS PBC** - To easily extend an existing wireless network refer to “WPS-PBC Configuration” on page 12 for setup instructions.
- **EAGLE PRO AI** - Use your compatible iOS or Android device to configure your extender. Refer to “EAGLE PRO AI Setup” on page 14 for setup instructions.
- **Web-based Wireless Setup Wizard** - This wizard will launch when you log into the extender’s web configuration utility for the first time. Refer to “Wireless Setup Wizard” on page 16 for setup instructions.
- **Access Point Mode Settings**- The system provides two configuration options for extending your existing network: Ethernet or Wi-Fi. Refer to “Extender Settings” on page 27 for more information regarding configuration options. If utilizing the E15 as an extender to extend your wireless connectivity, refer to “Wireless Setup Wizard” on page 16. If utilizing the E15 as an access point through Ethernet, refer to “Access Point Mode Settings” on page 22.

WPS-PBC Configuration

Wi-Fi Protected Setup (WPS) makes connecting your E15 easy. To use WPS, first make sure the main router or access point features a WPS Button or has a virtual WPS Button.

Step 1 - Initiate WPS Mode

While the Status LED is blinking orange, push the WPS button on the main wireless router or AP, and then push the WPS button on the E15. The Status LED will start to flash white. Please allow up to two minutes for the process to finish. The Status LED will turn solid white when the E15 has connected successfully to the source wireless router or access point.

Step 2 - Connecting Devices to the E15

The E15 is now ready to share the extended Wi-Fi network with your PCs and mobile devices. You may use the WPS method to connect devices to the extended network created by the E15 using the same network name (SSID) of the main router. The password will also be the same as the wireless network you are extending.

The Smart Connect feature will present a single wireless network. When connecting clients to the extended network, they will be automatically added to the best band, either 2.4 GHz or 5 GHz. To disable the Smart Connect feature and individually configure 2.4 GHz and 5 GHz SSIDs, refer to “Extender Settings” on page 27.



Assessing Uplink Signal Strength

The Status LED will turn solid white when the E15 has connected successfully to a wireless network and is extending that network. If the Smart Signal LED has a single orange bar after the connection process has finished, the E15 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 E15 should be relocated closer to the main wireless router. Using the 5 GHz extension network is recommended in order to achieve the fastest wireless speeds. If the extender has been configured as an access point and is connected via an Ethernet cable to the main router, the Smart Signal LED will not be lit.



EAGLE PRO AI Setup

The EAGLE PRO AI app allows you to install and configure your E15 from your compatible Android or iOS device.

Note: *The screenshots may be different depending on your mobile device's OS version. However, the process is the same.*

Step 1

Search and install the free **EAGLE PRO AI** available on the App Store or on Google Play.



EAGLE PRO AI

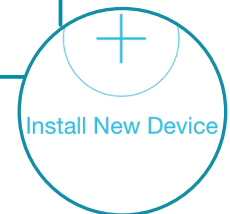
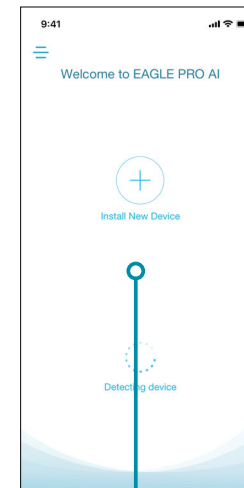


Step 2

Launch the EAGLE PRO AI from the home screen of your device.

Step 3

Tap **Install New Device**. Scan the Setup code on the bottom of the extender. Follow the on-screen instructions to complete the setup.



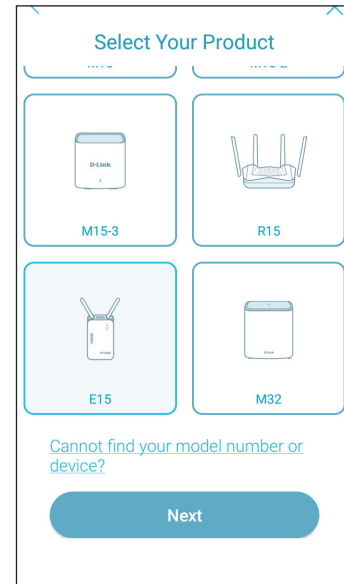
Step 4

Click **Scan** if you have the setup QR code with you to scan the QR code and proceed to step 6. If not, click **Can't find the Setup Code** and proceed to step 5.



Step 5

Slide through the product list and select **E15**. Click **Next** to continue.



Step 6

You will now be guided through a step-by-step process for setting up your device. Simply follow the on-screen instructions to complete the installation and configuration process.

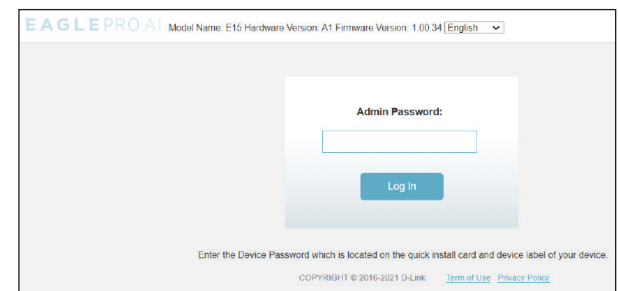
Wireless Setup Wizard

The setup wizard is designed to guide you through a step-by-step process to configure your new E15 to extend your wireless network and connect to the Internet via a wireless setup process. To set your E15 using an Ethernet cable, please refer to “Access Point Mode Settings” on page 22.

To access the setup utility on your PC, first connect to the E15 wirelessly using the Wi-Fi name (SSID) and password located on the back of your E15. Then open a web browser and enter **http://XXXX.devicesetup.net/** in your browser’s URL field (where “xxxx” are the last four digits of the E15’s MAC address).

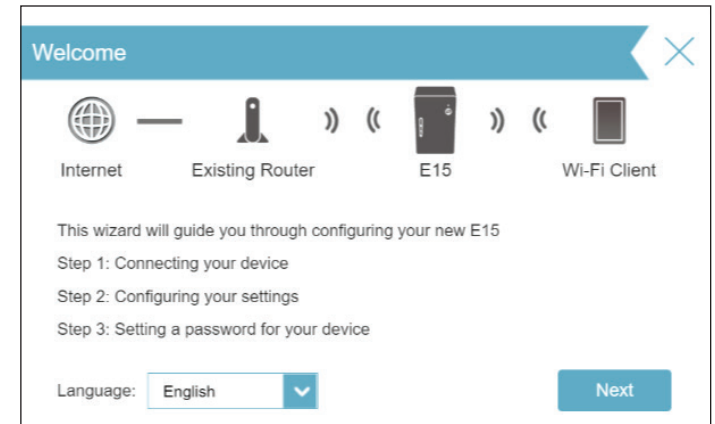
If this is your first time logging in to the extender and no connection has been established, the setup wizard will automatically appear. If the setup process was not previously completed, then enter the default device password printed on the device label on the back of the E15

Note: The Wi-Fi name (SSID), Wi-Fi password, web configuration address, and device password are printed on the device label on the back of the device.



This wizard will guide you through configuring your new E15 through a wireless connection.

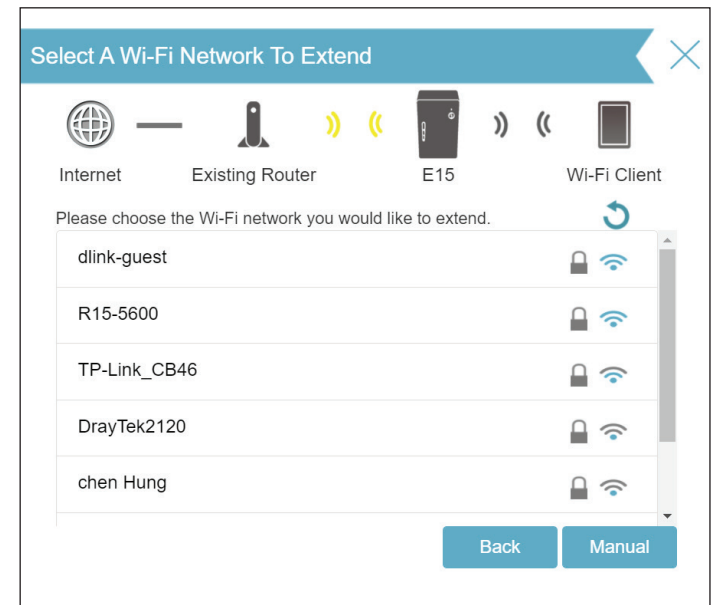
Click **Next** to begin.



The E15 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 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 was not detected by the scan, your E15 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 to connect to the network now. If you chose **Manual**, enter the Wi-Fi Network Name (SSID) and Password of the existing Wi-Fi network you wish to connect to.

Click **Next** to continue configuring your extended network, or click **Back** to return to the previous step.

Enter a name (SSID) and password for identifying and encrypting your extended network.

Click **Next** to continue, or click **Back** to return to the previous step.

Select A Wi-Fi Network To Extend

Internet Existing Router E15 Wi-Fi Client

Please enter Wireless Network Name, Security and Password of the existing Wi-Fi network.

Wi-Fi Name:

Password:

Back Next

Extended Network

Internet Existing Router E15 Wi-Fi Client

Enter a name (SSID) and password for your extended Wi-Fi network. This is the Wi-Fi network you will connect your wireless devices to.

Clone my existing Wi-Fi name and password

Wi-Fi Network Name:

R15-5600-EXT

Password:

Your password must be between 8-63 characters length

In order to better protect the extender's web configuration utility, please enter an admin password. You will be prompted for this password each time you want to use the extender's web configuration utility.

Note: It is strongly recommended that you change the default device password for accessing the extender's configuration page.

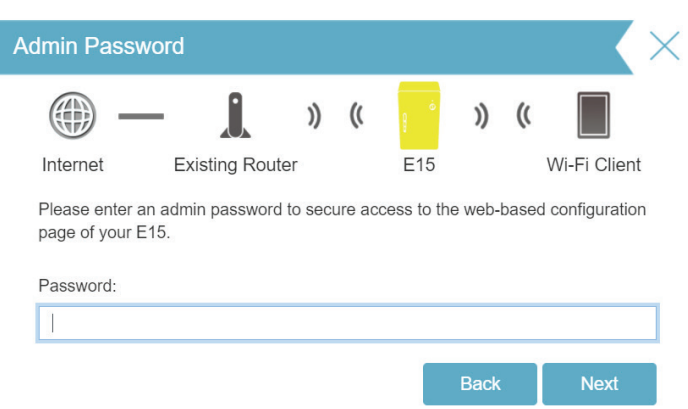
Click **Next** to continue.

Select your time zone from the drop-down menu.

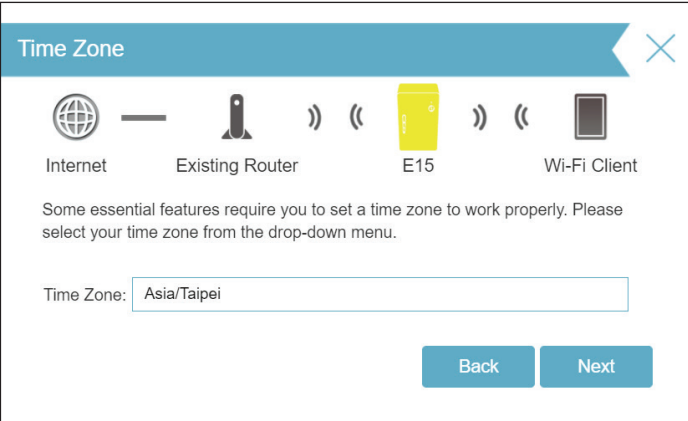
Click **Next** to continue.

Keeping device firmware up to date provides you with the latest security upgrades and new features over the air. Choose whether to keep your device up to date automatically or to manage the device updates by yourself.

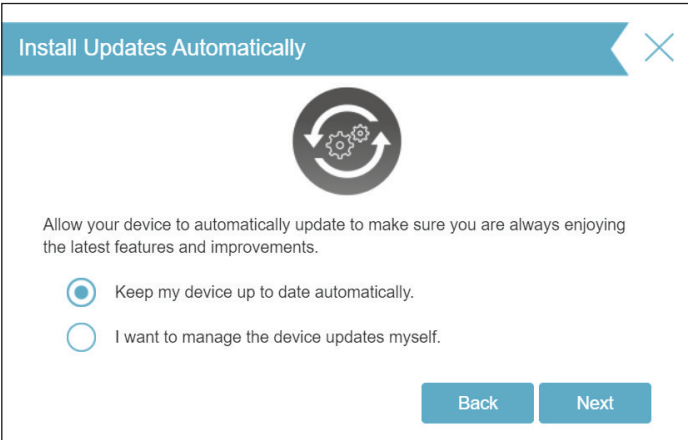
Click **Next** to continue.



The 'Admin Password' screen features a blue header with a close button. Below the header is a network diagram showing 'Internet' connected to an 'Existing Router', which is connected to the 'E15' extender, which is then connected to a 'Wi-Fi Client'. The text below the diagram reads: 'Please enter an admin password to secure access to the web-based configuration page of your E15.' There is a 'Password:' label followed by an empty text input field. At the bottom right are 'Back' and 'Next' buttons.



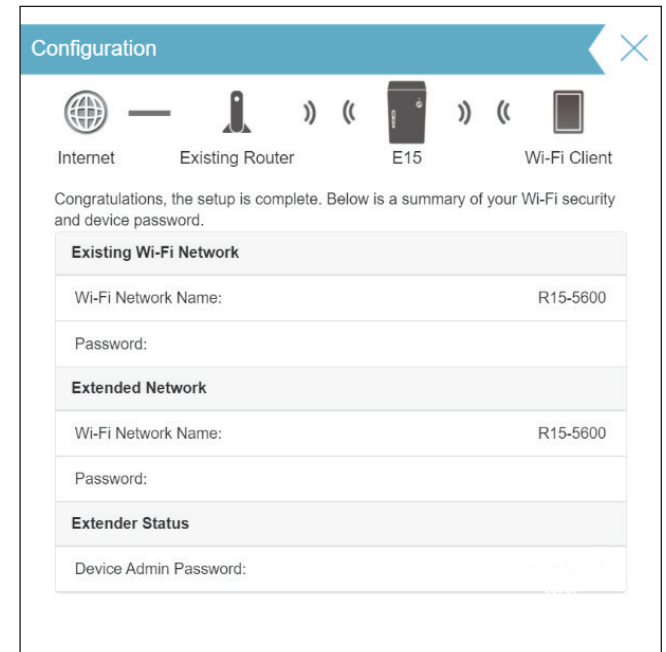
The 'Time Zone' screen features a blue header with a close button. Below the header is the same network diagram as the previous screen. The text below the diagram reads: 'Some essential features require you to set a time zone to work properly. Please select your time zone from the drop-down menu.' There is a 'Time Zone:' label followed by a dropdown menu showing 'Asia/Taipei'. At the bottom right are 'Back' and 'Next' buttons.



The 'Install Updates Automatically' screen features a blue header with a close button. Below the header is a circular icon with a refresh symbol and gears. The text below the icon reads: 'Allow your device to automatically update to make sure you are always enjoying the latest features and improvements.' There are two radio button options: 'Keep my device up to date automatically.' (which is selected) and 'I want to manage the device updates myself.' At the bottom right are 'Back' and 'Next' buttons.

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

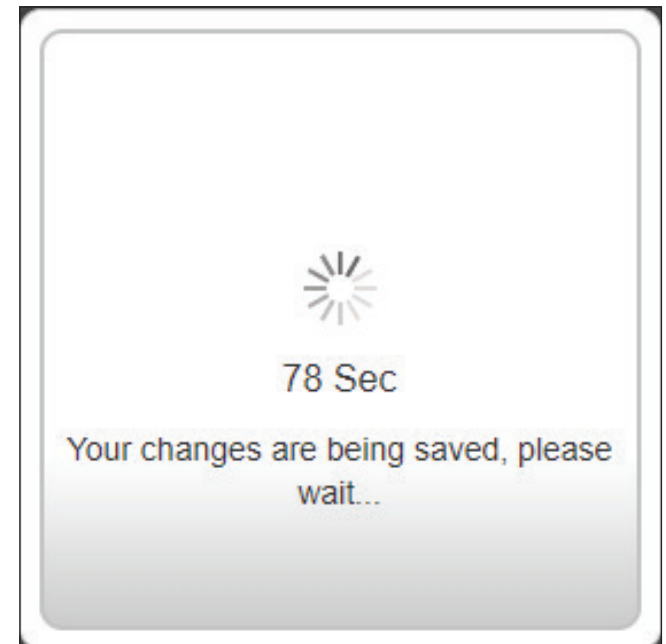
Click **Finish** to close the wizard.



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

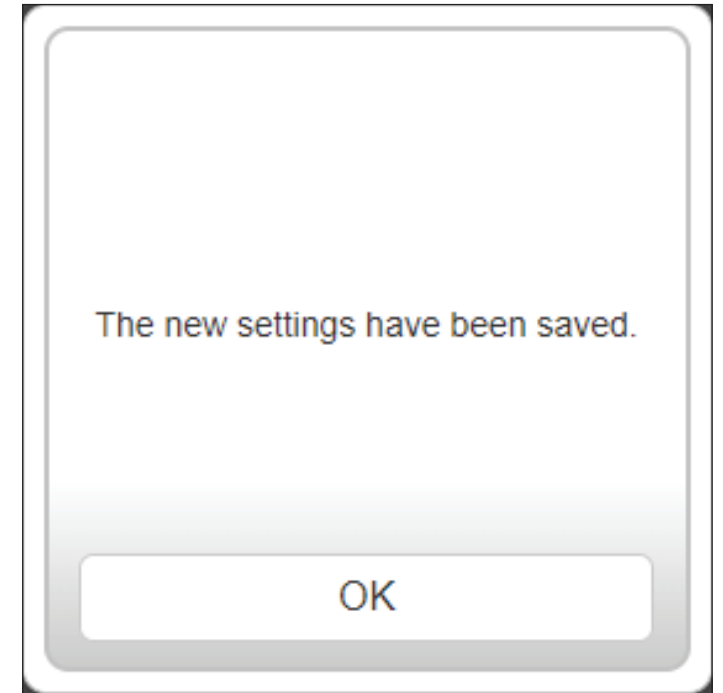
Your changes will be saved and the extender will reboot.

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



Click **OK** to exit the Setup Wizard. You will be redirected to the login page.

You can now place the E15 in a place where you require Internet access.



Access Point Mode Settings

This page lets you configure the settings to use the E15 as an access point. Connect an Ethernet cable from your main router's LAN port to the LAN port of the E15.

To access this page, go to **Settings > Extender**. Click **Save** to apply the settings and return to the home page.

Under Existing Network, choose **Ethernet** to utilize the E15 as an access point. Refer to "Extender Settings" on page 27 for more information regarding configuration options.

Extender

Use this section to configure the wireless settings for your E15. Please ensure you press Save after any changes made in this section for it to take effect.

Settings > Extender Save

Existing Network

Existing Network: Ethernet

Smart Connect

Status: Enabled

Extended Wi-Fi

Status: Enabled

Wi-Fi Name (SSID): E15-C677

Password:

Security Mode: WPA2-Personal

Schedule: Always Enable

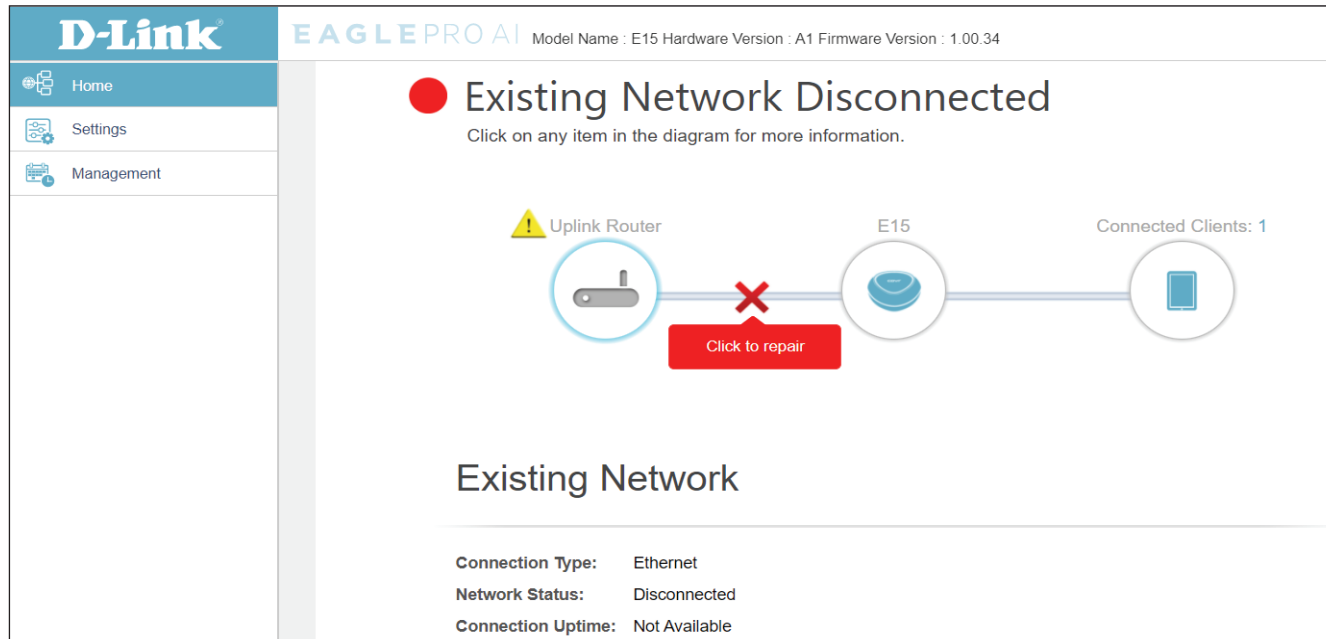
Wi-Fi Protected Setup

WPS-PBC Status: Enabled

Configuration Home

The home screen gives a summary of the current status of devices connected to the E15. A green check between the device and the uplink router indicates that there is an active connection. A red cross indicates that there is no connection present, or there is a connection error. If there's no active uplink connection, click on **Click to repair** to start the setup wizard.

Note: If the E15 is connected to a Wi-Fi Mesh supported router, then the home screen will only show the Firmware Upgrade function. Management functions for the E15 can then be configured from the main router's configuration page. For more details, refer to "Home - Connected to a Wi-Fi Mesh Router" on page 26.




Uplink Router This icon shows the status of the Internet connection to the uplink router. It is grey if the E15 is not connected to an uplink router. Once connected, click on it to see its connection details.

E15 Click on this icon to see network setting status such as IPv4 and IPv6 configurations of the E15.

Connected Clients Click on the Connected Clients icon to see client details.

Once your Internet connection is set up, you can view the details of the IPv4 Network, the IPv6 Network and the Wi-Fi network by clicking on the E15 icon.

Existing Network Connected
Click on any item in the diagram for more information.



E15

IPv4 Network


MAC Address:	A8:63:7D:61:C6:77	Status:	Enabled
IP Address:	192.168.0.102	Wi-Fi Name (SSID):	R15-5600
Subnet Mask:	255.255.255.0	Password:	kkqur47847
Default Gateway:	192.168.0.1		
Primary DNS:	192.168.0.1		
Secondary DNS:	Not Available		

IPv6 Network

Connection Type:	Auto Configuration (SLAAC/DHCP v6)
IPv6 Address:	Not Available
Default Gateway:	Not Available
Link-Local Address:	
Primary DNS:	Not Available
Secondary DNS:	Not Available

By clicking the Uplink Router icon, you will see the details of the Existing Network. This contains information regarding the Connection Type, Network Status, Connection Uptime, Wi-Fi Name (SSID), and Password if the extender is wirelessly connected to the main router.

Existing Network Connected
Click on any item in the diagram for more information.



Existing Network

Connection Type:	Wi-Fi
Network Status:	Connected
Connection Uptime:	0 Day, 00 : 10 : 48
Wi-Fi Name (SSID):	R15-5600
Password:	kkqur47847

Clicking the Connected Clients icon will show you the devices that are currently connected to the E15 along with their vendor names and IP addresses.

To edit each client's settings, click  on the client you want to edit.

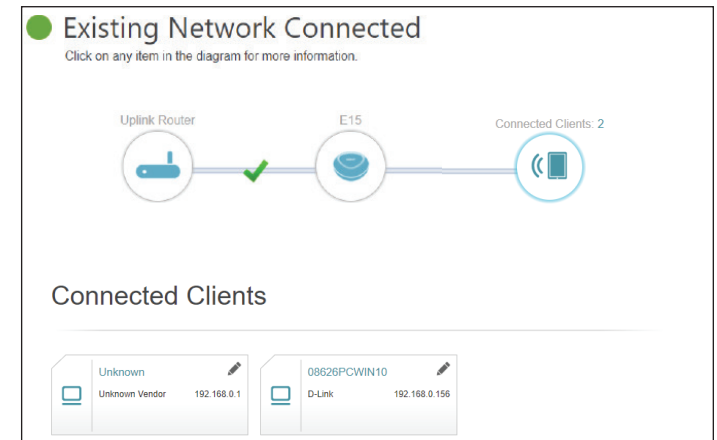
Name Enter a custom name for this client.

Vendor Displays the vendor of the device.

MAC Address Displays the MAC address of the device.

IP Address Displays the current IP address of this client.

Click **Save** when you are done.



Edit Name

Name:

Vendor: Unknown Vendor

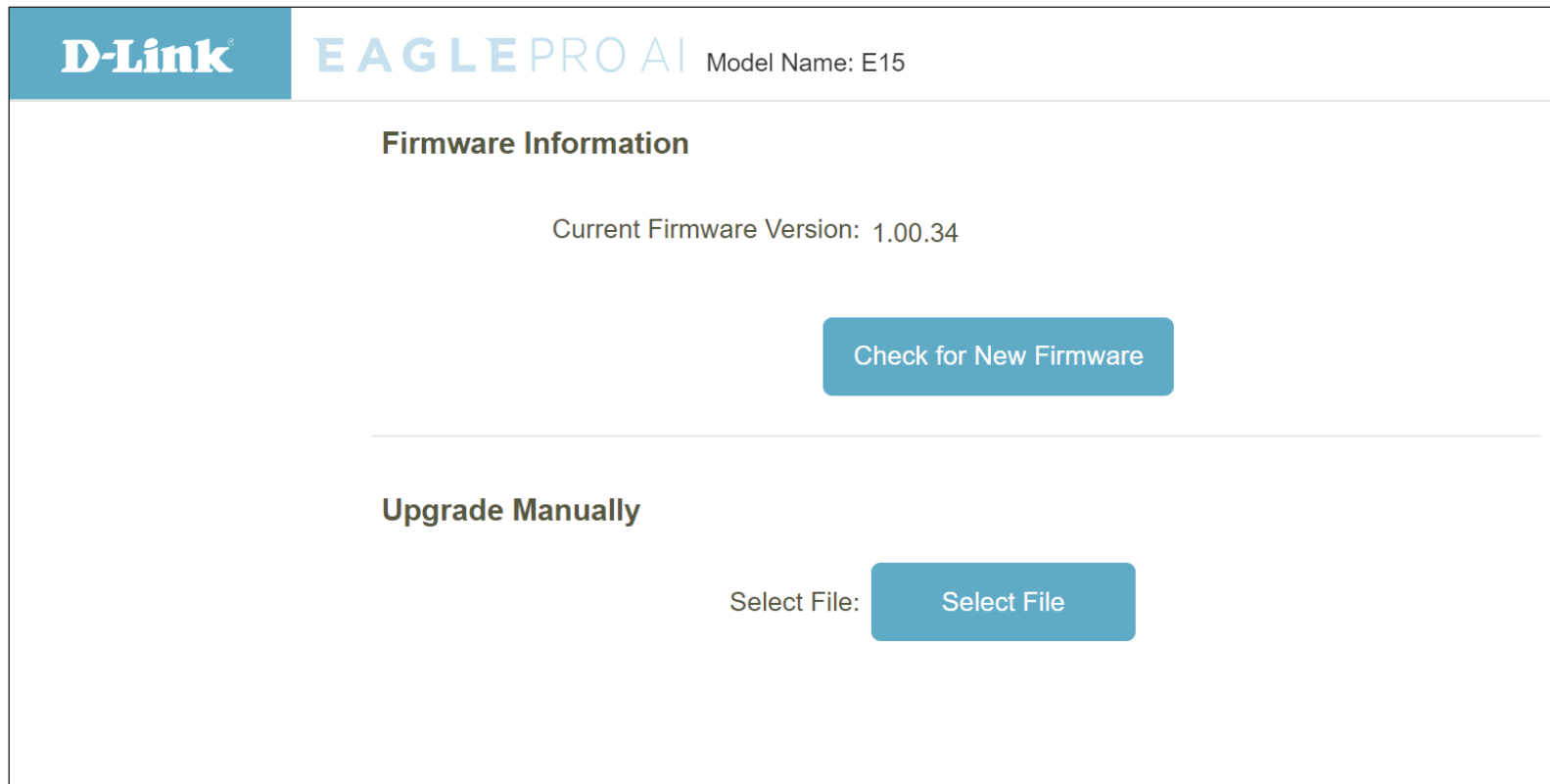
MAC Address: B2:88:A2:01:26:78

IP Address: 192.168.0.87

Home - Connected to a Wi-Fi Mesh Router

If the E15 is connected to a compatible D-Link Wi-Fi Mesh router, the E15's home screen will only show the firmware information after you log in. Management functions for the E15 can be configured from the main router's configuration page. Please make sure that the Wi-Fi mesh feature is enabled in your compatible router's wireless settings.

Note: If the E15 is connected to a Wi-Fi mesh supported router, log in to the E15's home screen by entering the router's Admin Password.



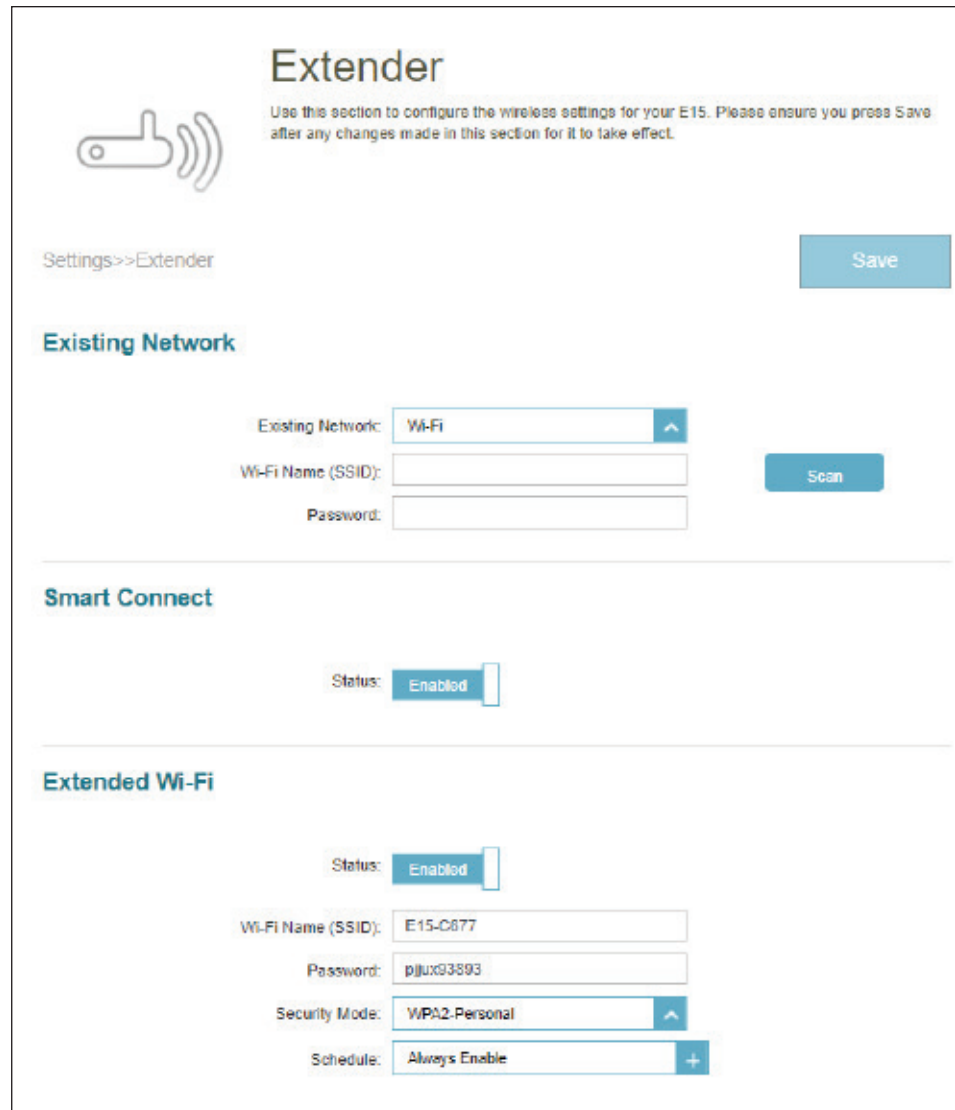
Firmware Information The current firmware version of your E15. Click **Check for New Firmware** to see if your E15 is up to date.

Upgrade Manually If you wish to upgrade manually, first download the firmware file you wish to upgrade to. Next, click the **Select File** button to locate the file and click **Upload** to install the new firmware.

Settings

Extender Settings

This page lets you configure the settings for the E15's extended wireless network. To access this page, go to **Settings > Extender**. Click **Save** to apply the settings and a reboot may be required.



Extender

Use this section to configure the wireless settings for your E15. Please ensure you press Save after any changes made in this section for it to take effect.

Settings >> Extender Save

Existing Network

Existing Network: ^

Wi-Fi Name (SSID):

Password:

Scan

Smart Connect

Status:

Extended Wi-Fi

Status:

Wi-Fi Name (SSID):

Password:

Security Mode: ^

Schedule: +

Existing Network

Existing Network Select the type of existing network, either **Ethernet** or **Wi-Fi** for the E15 to be connected. Select **Ethernet** if you are connecting to your host network through an Ethernet cable. Select **Wi-Fi** if you are connecting to your host network wirelessly.

Wi-Fi - Existing Network

If **Wi-Fi** is selected, the following Wi-Fi Existing Network options will appear.

Wi-Fi Name (SSID) Type in the Wi-Fi Name of the network you would like to extend.

Password Type in the password of the network you would like to extend.

Scan Click **Scan** to view available Wi-Fi networks. You can choose the network you would like to extend, then enter the wireless network password if required. Click **OK** to connect to the selected network.

Existing Network

Existing Network:

Wi-Fi Name (SSID):

Password:

Smart Connect

Status:

Please choose the Wi-Fi network you would like to extend.

Dlink-R15			2.4G
chen Hung			2.4G
Y107099			2.4G

A password is required to join "R03-Mag"

Smart Connect

Smart Connect Enable or disable the Smart Connect feature. When enabled, fewer configuration options will be available to simplify configuration. And the wireless network will transmit and receive data on the 5GHz frequency if the client device supports 5GHz.

Extended Wi-Fi - Smart Connect Enabled

Status Enable or disable the Extended Wi-Fi wireless network.

Wi-Fi Name (SSID) This is the name of the E15's extended network. If using **Wi-Fi**, the E15 will rebroadcast the uplink router's Internet connection under this SSID. You may also manually set the SSID of the extended network.

Password Enter the password or network key for clients to connect with the extended Wi-Fi network.

Security Mode Select a connection security requirement from the following: **None, WPA/WPA2-Personal, WPA2-Personal, WPA2/WPA3-Personal, or WPA3-Personal.** WPA3 provides the highest level of encryption among these. Note that WPS will be disabled if WPA3 is used.

Schedule Select the time during which the wireless network will be available. The schedule may be set to **Always Enable** or you can add your own schedules.

To add a schedule:

Each box represents half an hour, with the clock time (0~23) at the top of each column. To add a time period to the schedule, simply click on the start time and drag to the end time. You can add multiple days and multiple periods per day to the schedule.

If Smart Connect is disabled, configure 2.4 GHz and 5 GHz networks individually as shown below.

The screenshot displays the configuration page for the router's wireless settings. At the top, the 'Smart Connect' feature is shown as 'Enabled'. Below this, the 'Extended Wi-Fi' section is also 'Enabled'. The configuration details for the extended network are as follows:

- Wi-Fi Name (SSID):** E15-C677
- Password:** pjju93893
- Security Mode:** WPA2-Personal
- Schedule:** Always Enable

Wi-Fi Protected Setup

WPS-PBC Status Enable or disable Wi-Fi Protected Setup (WPS).

Wireless - Smart Connect Disabled

2.4 GHz Extended Wi-Fi

- Status** Enable or disable the 2.4 GHz network by toggling this slider.
- Wi-Fi Name (SSID)** This is the name of the E15's extended network. If using **Wi-Fi**, the E15 will rebroadcast the uplink router's Internet connection under this SSID. You may also manually set the SSID of the extended network.
- Password** Enter the password or network key for clients to connect with the extended Wi-Fi network.
- Security Mode** Select a connection security requirement from the following: **None, WPA/WPA2-Personal, WPA2-Personal, WPA2/WPA3-Personal, or WPA3-Personal.** WPA3 provides the highest level of encryption among these. Note that WPS will be disabled if WPA3 is used.
- 802.11 Mode** Select the Wi-Fi standard from these options: Mixed 802.11b/g/n, Mixed 802.11b/g, or 802.11b only.
- Schedule** Select the time during which the wireless network will be available. The schedule may be set to **Always Enable** or you can add your own schedules.
- To add a schedule:
Each box represents half an hour, with the clock time (0~23) at the top of each column. To add a time period to the schedule, simply click on the start time and drag to the end time. You can add multiple days and multiple periods per day to the schedule.

2.4GHz Extended Wi-Fi

Status: Enabled

Wi-Fi Name (SSID):

Password:

Security Mode: ^

802.11 Mode: ^

Schedule: +

Wi-Fi Protected Setup

- WPS-PBC Status** Enable or disable Wi-Fi Protected Setup (WPS).

Wireless - Smart Connect Disabled (Continued)

5 GHz Extended Wi-Fi

- Status** Enable or disable the 5 GHz network by toggling this slider.
- Wi-Fi Name (SSID)** This is the name of the E15's extended network. If using **Wi-Fi**, the E15 will rebroadcast the uplink router's Internet connection under this SSID. You may also manually set the SSID of the extended network.
- Password** Enter the password or network key for connecting with the extended Wi-Fi network.
- Security Mode** Select a connection security requirement from the following:
None, WPA/WPA2-Personal, WPA2-Personal, WPA2/WPA3-Personal, or WPA3-Personal. WPA3 provides the highest level of encryption among these. Note that WPS will be disabled if WPA3 is used.
- 802.11 Mode** Select the Wi-Fi standard for wireless communication from these options: Mixed 802.11a/n/ac/ax, Mixed 802.11a/n/ac, Mixed 802.11a/n, or 802.11a only.
- Schedule** Select the time during which the wireless network will be available. The schedule may be set to **Always Enable** or you can add your own schedules.

To add a schedule:

Each box represents half an hour, with the clock time (0~23) at the top of each column. To add a time period to the schedule, simply click on the start time and drag to the end time. You can add multiple days and multiple periods per day to the schedule.

5GHz Extended Wi-Fi

Status: Enabled

Wi-Fi Name (SSID):

Password:

Security Mode: ^

802.11 Mode: ^

Schedule: +

Wi-Fi Protected Setup

- WPS-PBC Status** Enable or disable Wi-Fi Protected Setup (WPS).

Network Settings

This page lets you configure the network settings for the E15. To access this page, click **Settings > Network**. Click **Save** to apply the settings and a reboot may be required.

Management Link You can change the URL of the device by editing the text in the box. If you You can replace E15-xxxx with a name of your choice for "http://E15-xxxx.local/" (where "xxxx" represents the last 4 digits of the MAC address). However, you will need to enter the modified URL in the address bar of your web browser to access the configuration utility.

The screenshot shows the 'Network Settings' page. At the top, it says 'Management Link: http://' followed by a text input field containing 'E15-C877' and '.local/'. There is an 'Advanced' link in the bottom right corner.

Advanced Settings

The Advanced Settings section of the Network Settings page allows you to configure both IPv4 and IPv6 settings for communicating with the E15.

IPv4

My Internet Connection is Here you can select the method of assigning an IP address to the E15: **Dynamic IP** or **Static IP** addressing mechanism. If you select Dynamic IP, the options below will not be available.

IP Address Assign an IPv4 address. This address should be outside of the uplink router's DHCP address pool.

Subnet Mask Enter the subnet mask. It is used to determine the subnet of an IP address.

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

Primary DNS Enter the address of the primary DNS server. It is the address of the server used to resolve hostnames to IP addresses.

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

The screenshot shows the 'IPv4' settings page. It starts with the instruction 'Choose an IPv4 provisioning mechanism to be used by the device.' Below this, there is a dropdown menu for 'My Internet Connection is:' set to 'Dynamic IP (DHCP)'. Underneath are several input fields: 'IP Address:' with the value '192.168.0.50', 'Subnet Mask:' with the value '255.255.255.0', 'Gateway Address:', 'Primary DNS:', and 'Secondary DNS:'.

IPv6 - Auto configuration (SLAAC/DHCPv6)

- My Internet Connection is** Select **Auto configuration (SLAAC/DHCPv6)** to have the E15 automatically receive an IPv6 address from the uplink router.
- Obtain a DNS server address automatically** You can obtain IPv6 DNS server information automatically, or configure DNS servers manually by selecting **Use the following DNS address**.
- Primary DNS** For manual settings, enter the primary IPv6 DNS server address.
- Secondary DNS** For manual settings, enter the secondary IPv6 DNS server address. This is optional but will provide backup if the primary server fails.

IPv6

Choose an IPv6 provisioning mechanism to be used by the device.

My Internet Connection is: Auto Configuration (SLAAC/DHCPv6) ▲

Obtain a DNS server address automatically or enter a specific DNS server address.

Obtain a DNS server address automatically

Use the following DNS address

IPv6 - Static IPv6

- My Internet Connection is** Select **Static IPv6** to manually assign an IP address to the E15.
- IPv6 Address** Enter the IPv6 address that you want to assign to the extender. This address should be outside of the uplink router's DHCP address pool.
- Subnet Prefix Length** Enter the length of the IPv6 subnet prefix for identifying the IPv6 subnetwork (valid range: 1~128).
- Default Gateway** Enter the default gateway.
- Primary DNS** Enter the primary IPv6 DNS server address.
- Secondary DNS** Enter the secondary IPv6 DNS server address. This is optional but will provide backup if the primary server fails.

IPv6

Choose an IPv6 provisioning mechanism to be used by the device.

My Internet Connection is: Static IPv6 ▲

Enter the IPv6 address information that you would like to use to access the Web-based management interface.

IPv6 Address:

Subnet Prefix Length: Please enter a prefix length.

Default Gateway:

Primary DNS:

Secondary DNS:

IPv6 - Local Connectivity Only

- My Internet Connection is** Select **Local Connectivity Only** to set an IPv6 address only for the local network.
- LAN IPv6 Link-Local Address** The link-local address of the E15 is used only within the local network specific to a physical interface.

IPv6

Choose an IPv6 provisioning mechanism to be used by the device.

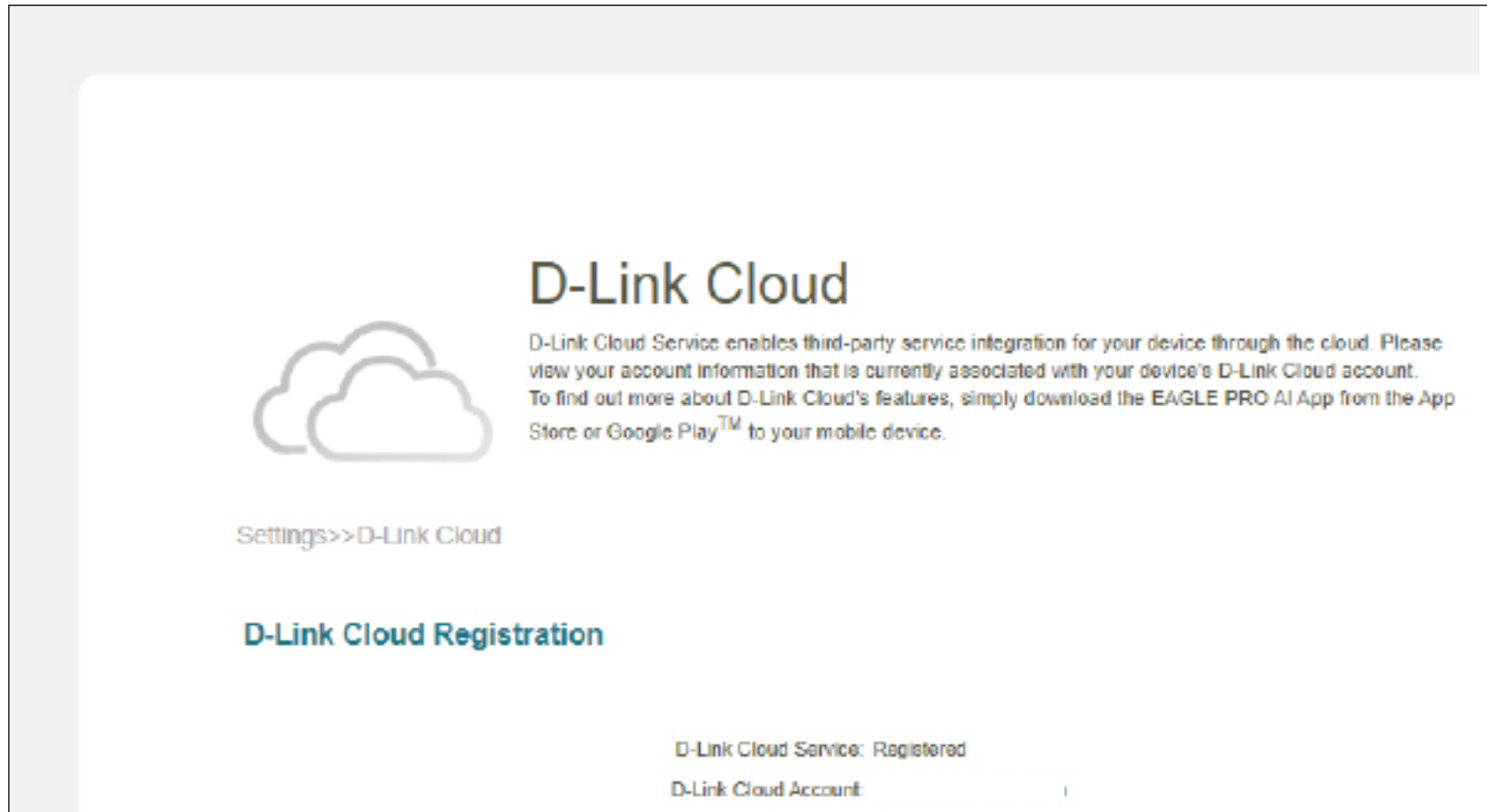
My Internet Connection is: Local Connectivity Only ▲

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::AA83:7DFF:FE61:C677/64

D-Link Cloud

Go to **Settings > D-Link Cloud** to see your D-Link Cloud Service details. This page lists whether you are registered with D-Link Cloud Service and email address associated with the account. It enables you to manage your device anytime, anywhere and check the status of your extender. Use the EAGLE PRO AI to find out more about D-Link Cloud's features.



Management Time

You can set time zone and the Network Time Protocol (NTP) server on this page. Go to **Management > Time** to access this page. Click **Save** to apply the settings when you are done with your changes.

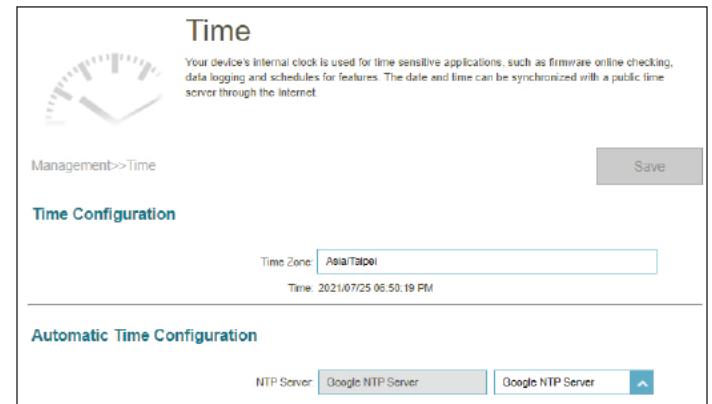
Time Configuration

Time Zone Select your time zone from the drop-down menu.

Time Displays the current date and time of the extender.

Automatic Time Configuration

NTP Server Select from the drop-down menu to use one of the following servers to synchronize the time and date for the extender: D-Link NTP Server or Google NTP Server. Choose Manual to set the NTP server's IP address or server name.



The screenshot shows the 'Time' configuration page. At the top left is a clock icon. The title 'Time' is followed by a descriptive paragraph: 'Your device's internal clock is used for time sensitive applications, such as firmware online checking, data logging and schedules for features. The date and time can be synchronized with a public time server through the Internet.' Below this is a breadcrumb 'Management->Time' and a 'Save' button. The 'Time Configuration' section contains a 'Time Zone' dropdown menu set to 'Asia/Taipei' and a 'Time' field displaying '2021/07/25 06:50:19 PM'. The 'Automatic Time Configuration' section features an 'NTP Server' dropdown menu with 'Google NTP Server' selected and a blue arrow icon to its right.

Admin

This page will allow you to set a new password for the administrator account used to configure the E15. To access this page, go to **Management > Admin**. Click **Save** at any time to save the changes you made on this page.

Admin Password

Password Enter a new password for the administrator account. You will need to enter this password whenever you configure the extender using a web browser or add the extender to EAGLE PRO AI. It is recommended that you change the default device password printed on the device label on the back of the device.

Advanced Settings... - Administration

Enable HTTPS Management Enable web management using an encrypted HTTP connection.

LED Control

Status LED Turn the LED status lights on or off.

The screenshot shows the 'Admin' configuration page. At the top, there is a key icon and the title 'Admin'. Below the title, a message reads: 'The administrator can change device's settings. To keep your device secure, you should give have a strong password.' The breadcrumb 'Management > Admin' is visible on the left, and a 'Save' button is on the right. The 'Admin Password' section contains a 'Password' input field with masked characters and an 'Advanced Settings...' link. The 'LED Control' section features a 'Status LED' toggle switch currently set to 'On'.

System

This page allows you to save or restore your system configurations as well as reset or reboot the extender. To access this page, go to **Management > System**.

Save Settings To Local Hard Drive

Save the system settings in a file to the local hard drive. The configuration file will be saved in your browser's download directory.

Load Settings From Local Hard Drive

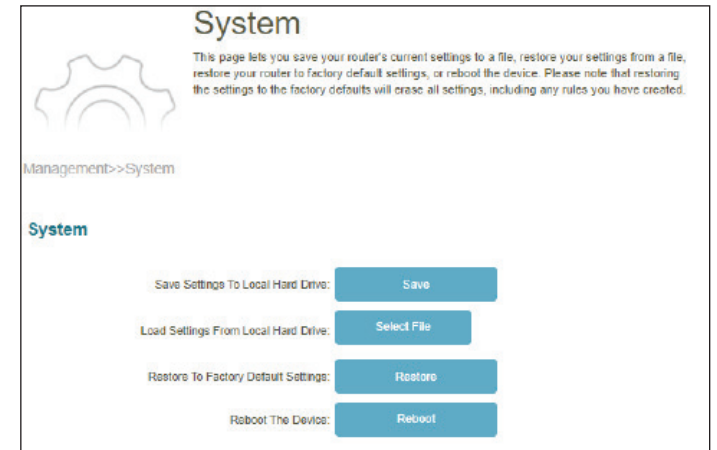
Select the system settings from a previously saved file on the local hard drive. Click the **Restore** button that appears after the configuration file is selected to load the settings.

Restore to Factory Default Settings

Restore the system settings to factory default settings. This will erase all current settings.

Reboot the Device

Click **Reboot** to reboot the extender.



Upgrade

This page allows you to upgrade the extender's firmware, either automatically or manually. To manually upgrade the firmware, download the latest firmware file from <http://support.dlink.com> in advance. To access this page, go to **Management > Upgrade**. Click **Save** to apply the settings when you are done with your changes.

Firmware

Current Firmware Version The current firmware's version will be displayed.

Check for New Firmware Click this button to start checking for a new firmware version. If a new version is found, it will prompt you to install it.

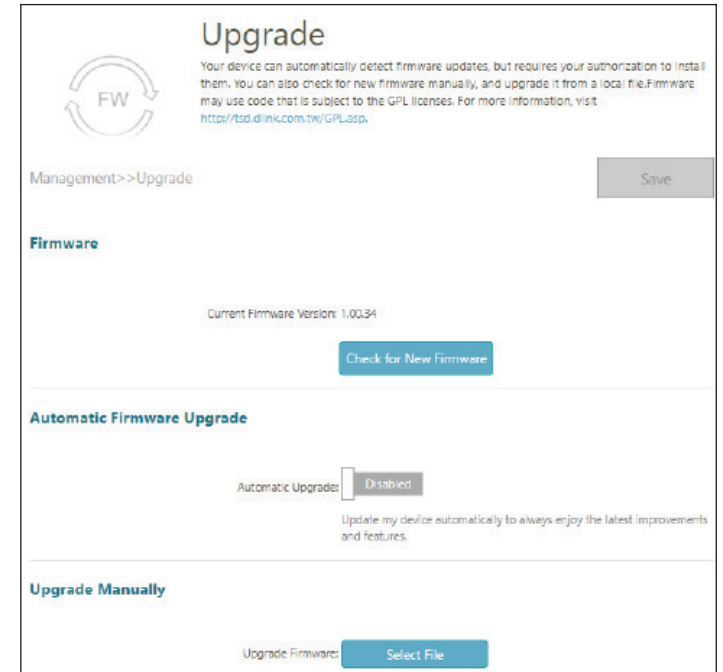
Automatic Firmware Upgrade

Automatic Upgrade If enabled, the extender will automatically check for and upgrade to the latest firmware available.

Choose Upgrade Time You may set the E15 to automatically upgrade its firmware at a set time by enabling this function. Set the hour and minute for automatic upgrade every day.

Upgrade Manually

Upgrade Firmware If you wish to upgrade manually, first download the firmware file you wish to upgrade to. Then, click **Select File** to find the file and click **Upload** to install the new firmware.



Statistics

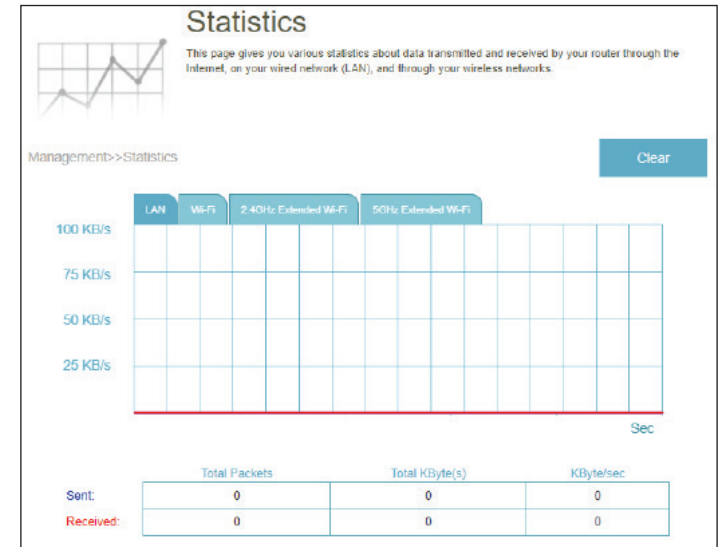
This page displays details about your network traffic. To access this page, go to **Management > Statistics**. Click **Clear** to reset the statistics.

On the Statistics page you can view the amount of data that passes through the LAN and wireless interfaces for both 2.4 GHz and 5 GHz frequencies.

You can view **LAN**, **Wi-Fi**, **Extended Wi-Fi 2.4 GHz**, or **Extended Wi-Fi 5 GHz** by clicking the respective tab at the top. The real-time graph of network traffic will be shown. To clear the information on the graph, click **Clear**.

The table below for each interface and radio frequency shows the total number of packets and data that are sent and received through the interface.

The traffic counter will reset if the device is rebooted.

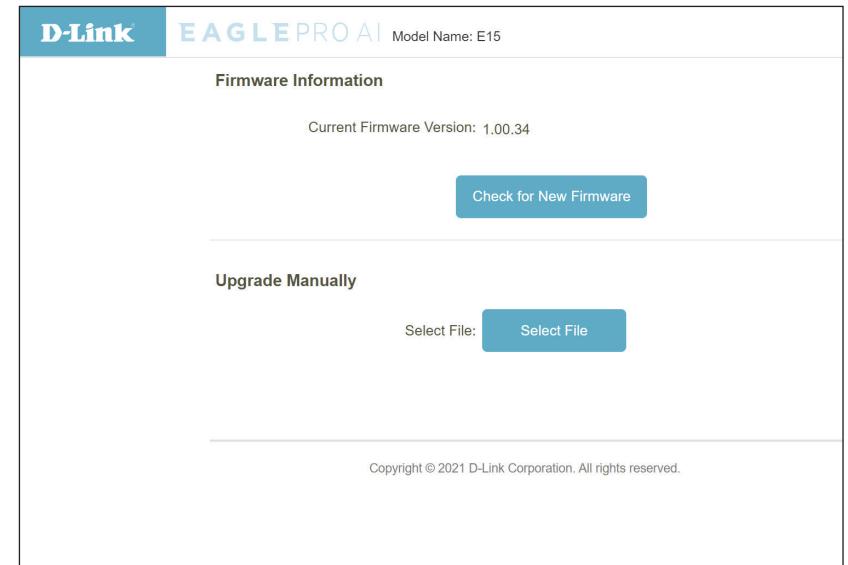
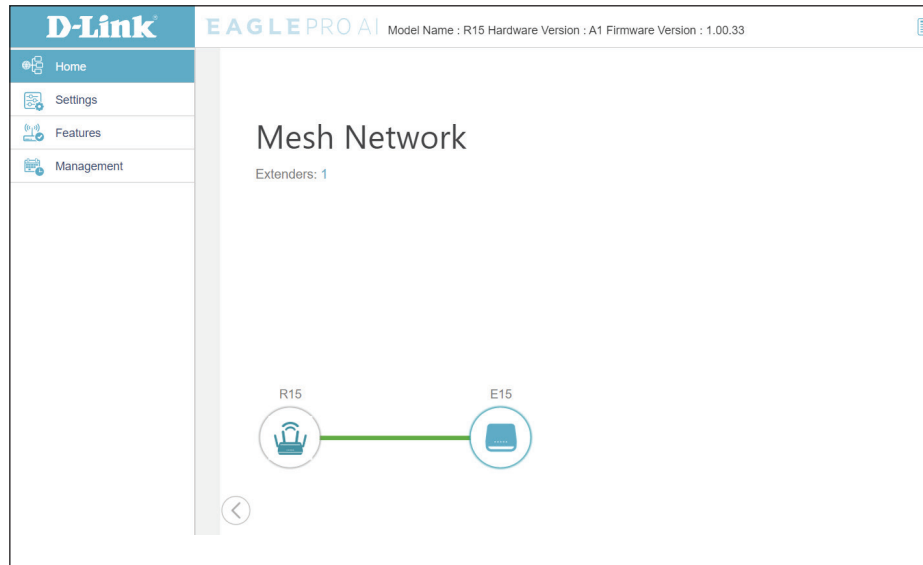


Wi-Fi Mesh Setup

D-Link's Wi-Fi Mesh is a scalable solution aiming to increase the coverage and eliminate weak spots of your wireless network. Expand your Wi-Fi coverage by adding EAGLE PRO AI series routers and extenders; mix and match suitable D-Link devices according to your budget and preferences to fit any floorplan. Setup is effortless and configuration of multiple devices can be done in minutes as settings can be passed on to other devices from the device that was configured previously.

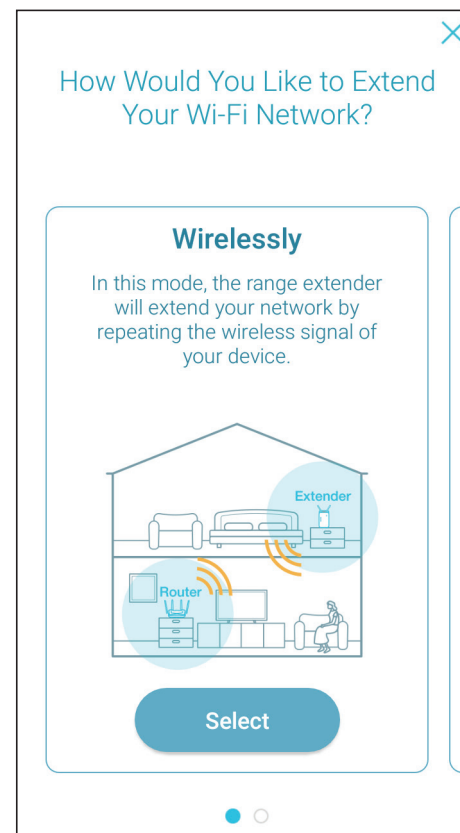
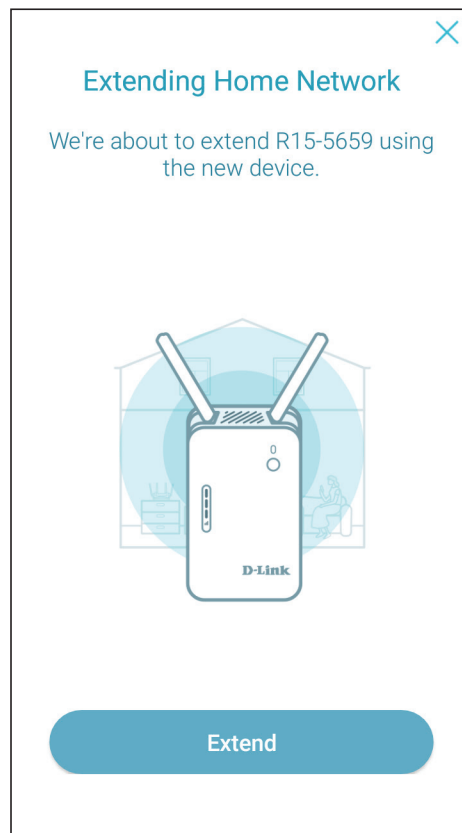
Wi-Fi Mesh intelligently finds the shortest/fastest path to route the packets among the mesh points. So even if you have eight mesh points, you can count on Wi-Fi Mesh to stream 4K content to your device with optimal signal strength and speeds. Wi-Fi Mesh can also automatically detect malfunctioning mesh points and reroute the connection to your working mesh devices.

Once the mesh network has been established, you can refer to your main router's configuration settings to see your mesh topology report (go to **Home** and click the **Extenders** icon). Whereas the E15's home screen of the web interface will show the firmware information for the extender. The E15 can be managed from the main router's home page. Refer to "Managing the Mesh Extender" on page 43" for more information.



Setup Using the EAGLE PRO AI

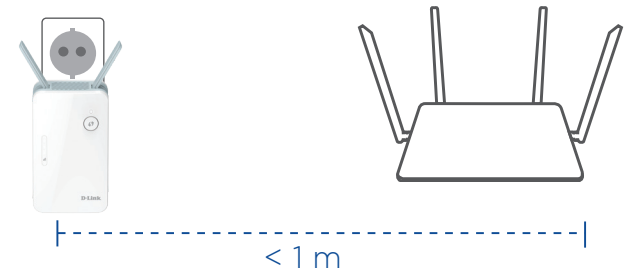
To utilize your E15 with a mesh network via a wireless connection, select “Wirelessly” as the setup option and follow the app’s instructions to complete the setup. To set up using an Ethernet cable, refer to “Setup Using an Ethernet Cable” on the next page.



Setup Using an Ethernet Cable

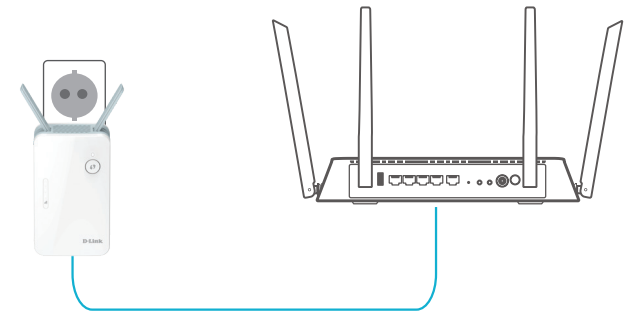
Step 1

Connect and plug in the E15 close to your Wi-Fi mesh router and wait for the LED light to blink orange.



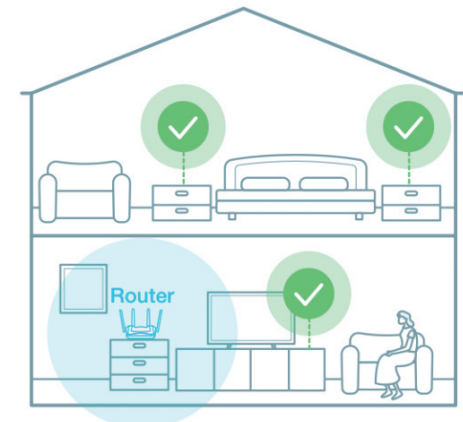
Step 2

Use the Ethernet cable to connect the E15 to one of the LAN ports on the Wi-Fi mesh router. The pairing process may take a few minutes. The Status LED on the E15 will turn solid white once it has finished pairing with your Wi-Fi mesh router.



Step 3

Disconnect the Ethernet cable and unplug the E15. Place the E15 anywhere between your router and the area where you want expanded wireless coverage.



Managing the Mesh Extender

Aside from checking the connected mesh extenders from the web interface, you can also use EAGLE PRO AI to manage the extenders. It provides all the functions as the web interface: flashing the power LED to identify the device, restarting the device, and upgrading the firmware as well as checking the connected clients. In addition, you can manage these clients on the fly using the AI-assisted QoS engine to assist in bandwidth allocation based on device priorities and AI-assisted Parental Control to control Internet accessibility based on configured profiles.

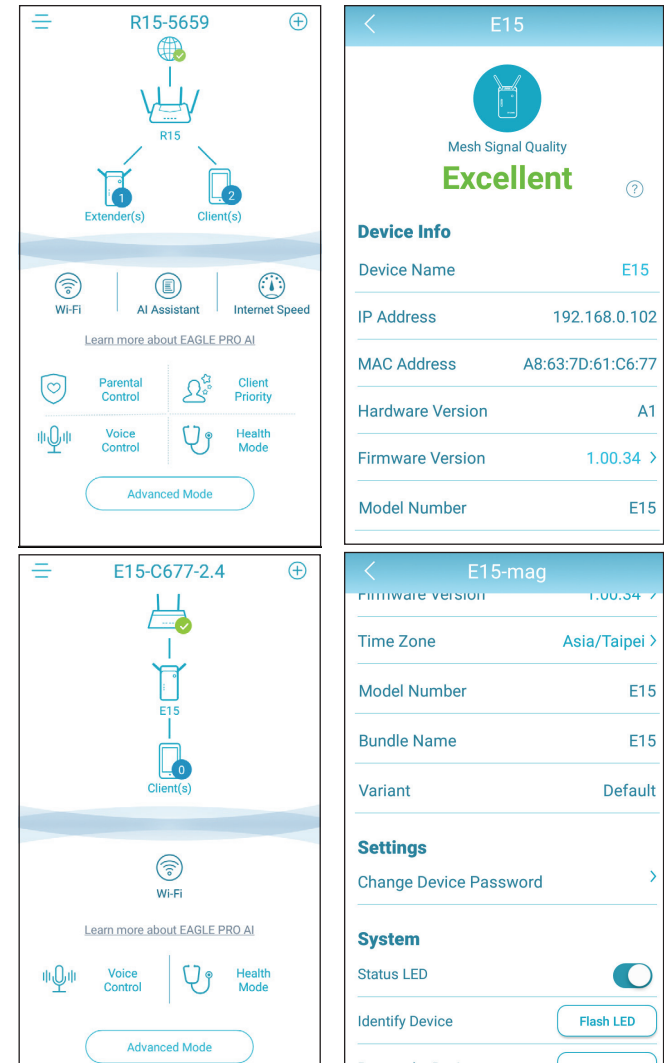
Obtain the Extender's Information

-From the Main Router

From the **Home** screen of the main router, tap **Extenders**. The screen will display the following information about the connected extender: Device Name, IP and MAC address, Hardware and Firmware Version, and Model Number. You can also **Flash** the status **LED** of the extender, and **Restart** it or **Reset it to Factory Default**. Moreover, you can obtain the connected clients' information by tapping **Client**.

-From the Extender's Home

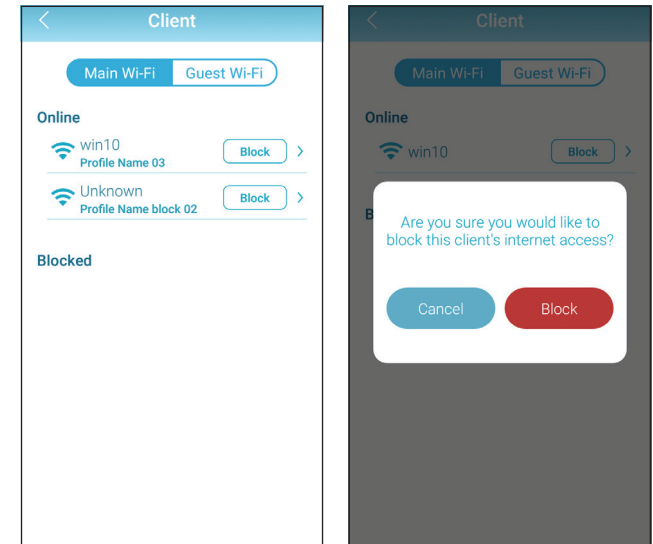
If the E15 does not join a mesh network, you can access it from the device list of the EAGLE PRO AI App. From the **Home** screen of the extender, tap the device icon. The screen will display the following information about the extender: Device Name, IP and MAC address, Hardware and Firmware Version, Time Zone, and Model Number. You can also **Flash** the status **LED** of the extender, and **Restart** it or **Reset it to Factory Default**. Moreover, you can change the device password for accessing the web configuration and turn off the Status LED.



Pause Internet to Specific Devices

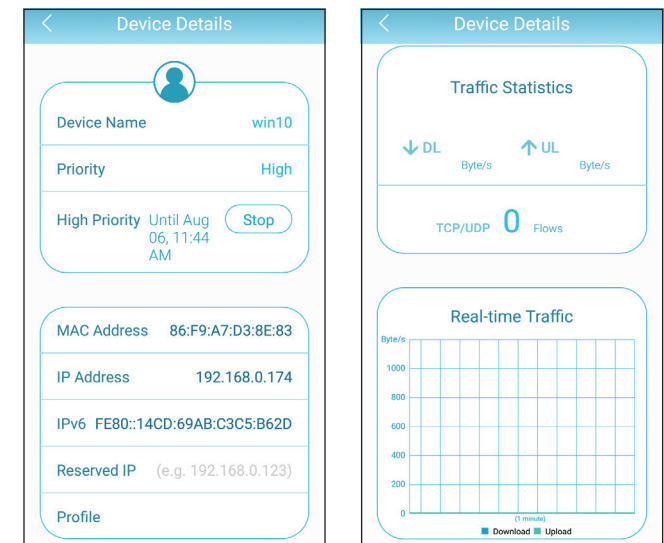
From the **Home** screen of the main router, tap **Extenders**, then tap **Client** to obtain the client list.

Tap **Block** to prevent the selected client device from accessing the Internet.



Obtain the Clients' Information

From the **Home** screen of the main router, go to **Extenders > Client**, then select a client from the list. The screen will display the following information about the selected client: Device Name, Priority, IP and MAC address, Real-time Traffic Statistics for both upload and download transmissions, and Weekly Traffic for total amount of download and upload data per day. Note that traffic-related statistics is only available when the **AI Traffic Optimizer** is turned on.



Assign Parental Control Profile and Priorities

On the Device Details page (go to **Home > Extenders > Client** of the main router), tap **Priority** to assign a priority level for the client: **High** or **Low** with effective duration of **Always**, **1 Day**, **4 Hours**, **2 Hours**, or **1 Hour**. Note that you will need to turn on **AI Traffic Optimizer** first before assigning priorities to clients (go to **Home > Client Priority**).

To assign a profile for Parental Control, go to **Home > Parental Control** and add a new profile:

1. Tap **Start**.
2. Name this profile. Then tap **Next** to continue.
3. Select client devices to which the profile will be applied.
4. Tap **Done** to proceed.
5. The profile summary will be displayed. On this page you can tap **Pause** to pause Internet immediately to the devices specified in the profile.

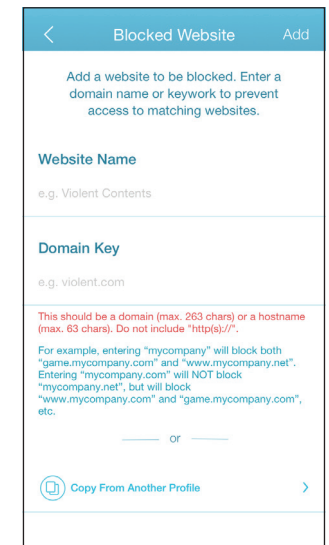
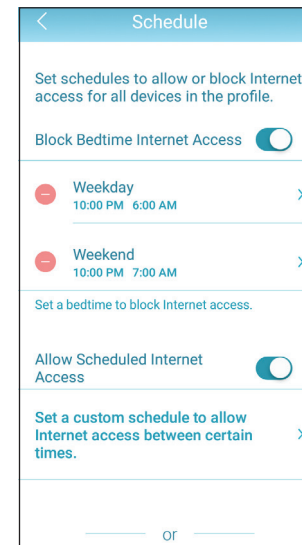
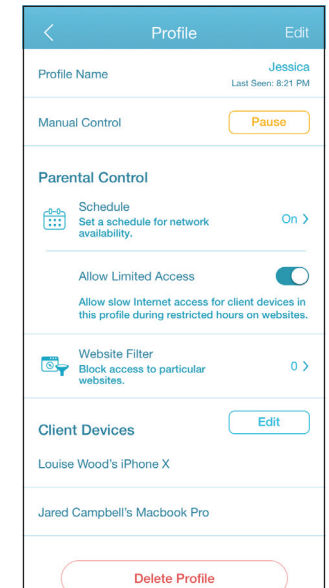
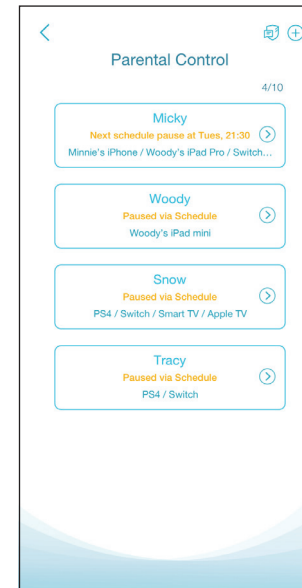
You can set schedules to restrict Internet access for users and block specific websites to prevent the specified devices from accessing these websites:

To set schedules to restrict Internet access:

Use **Block Bedtime Internet Access** to block Internet access during the time periods for the selected days. Use **Allow Scheduled Internet Access** to allow Internet access only during the specified days and hours. Users cannot access the Internet except during the hours that you specify. Note that bedtime restriction takes precedence over the allowed schedules here.

To block specific websites:

Tap **Website Filter**, tap **Add Website**, then enter the website name and the domain keyword, for example, enter *violent.com* to block all access to this site and *violent* to block domain names that contain this keyword. Then tap **Add** at the top right.



Connecting Wireless Clients to the Extender WPS Button

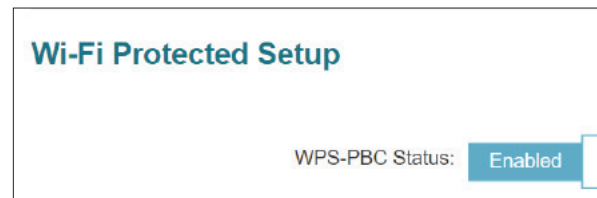
Once an uplink network has been established, you may use the E15's WPS function to add additional wireless clients to your extender's network. Many wireless devices such as wireless routers, media players, printers, and cameras will have a WPS button (or a software utility with WPS) that you can press to connect to the E15. 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 are certain, follow the steps below:

Step 1 - Press the WPS button on the E15 for about 1 second. The Status LED on the device will start to blink.

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 white, you will be connected with WPA2 encryption (the default security mode).

Note: If WPA3 Security Mode is used, the WPS function will be disabled. To enable or disable WPS, go to **Settings > Extender** and toggle the WPS-PBC Status slider at the bottom of the page.



Windows® 10 - WPA/WPA2/WPA3

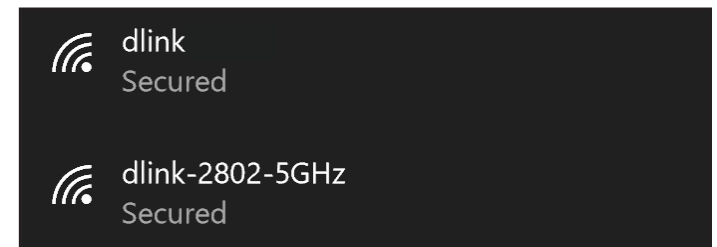
Note: To enjoy the benefits offered by Wi-Fi 6 and WPA3, please make sure that your operating system and wireless network adapter support Wi-Fi 6.

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

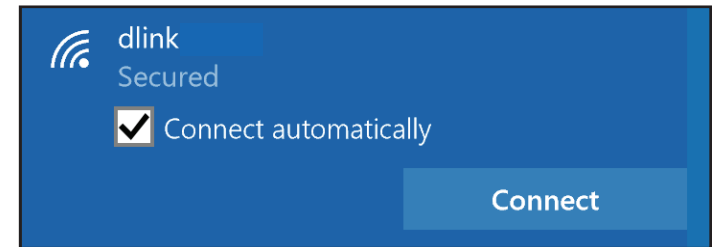


Wireless Icon

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.

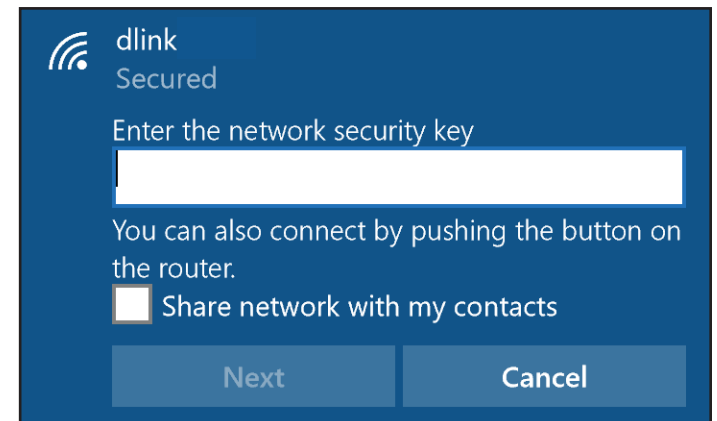


To connect to the SSID, click **Connect**.



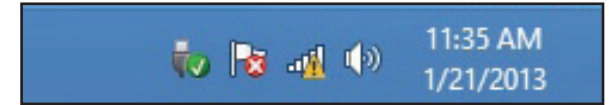
To automatically connect with the router when your device next detects the SSID, check the **Connect Automatically** check box.

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.



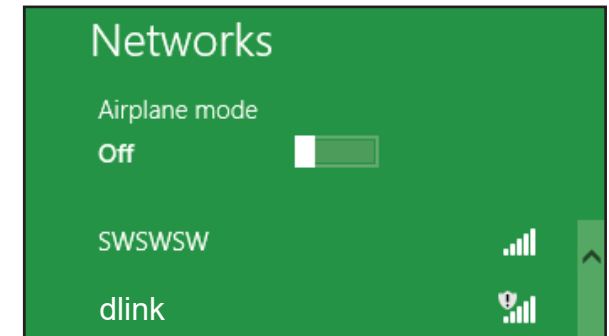
Windows® 8 - WPA/WPA2

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

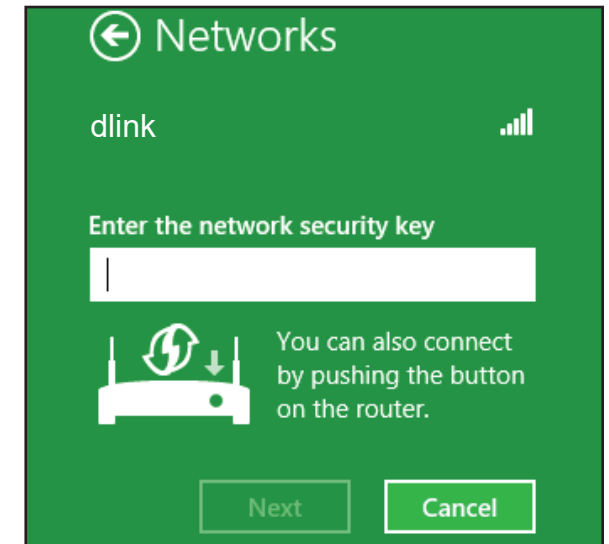


↑
Wireless Icon

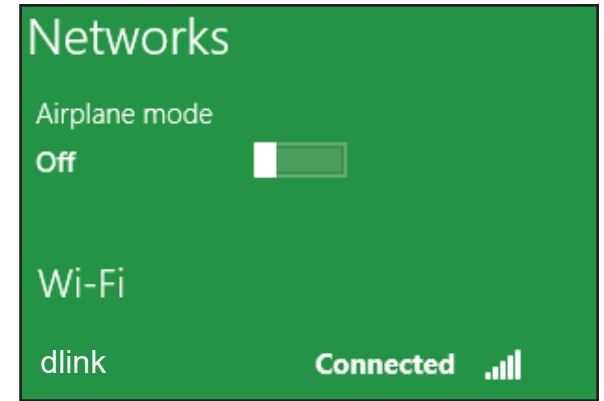
Clicking on this icon will display a list of wireless networks which are within connecting proximity of your computer. Select the extender's network by clicking on the network name.



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**.



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.



Troubleshooting

This chapter provides solutions to problems that can occur during the installation and operation of the E15. Read the following descriptions if you are having problems.

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

When entering the IP address of the AX1500 Smart Range Extender, 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® 11 or later
 - Firefox® 28 or later
 - Safari® 6.0 or later
 - Google Chrome™ 28 or later
- If you have an active wired LAN Ethernet connection, try temporarily unplugging the Ethernet cable from the computer you are using to 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 the operation.

- Access the web management interface. Open your web browser and enter the address of your extender: **http://XXXX.devicesetup.net/** (XXXX represents the last 4 digits of the MAC address) in the address bar. This should open the login page for your web management. If the E15 is connected to an uplink router, you can try accessing the web interface using a client IP address assigned from the uplink router. On the other hand, if the E15 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 side panel of the unit. When the extender is powered on, use a paperclip to press the button and then release it (the Status LED should turn red). The extender will go through its reboot process (the LED remains red). Wait about 30 seconds to access the extender and you will be required to go through the initial setup again. Refer to “Wireless Setup Wizard” on page 16.

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. D-Link's new EAGLE PRO AI products allow you to conveniently and reliably access your network with Wi-Fi 6 mesh system for improved coverage and speeds. Furthermore, you will be able to enjoy the efficacy of network management that AI-empowered traffic prioritization and Wi-Fi environment optimization delivers.

A wireless local area network (WLAN) is a cellular computer network that transmits and receives data with radio signals instead of wires. Innovative ways to utilize WLAN technology are helping people to work and communicate more efficiently. The most recent Wi-Fi 6 has substantial gains over previous generations in speeds and encryption strength. It achieves faster speeds by communicating with multiple clients more efficiently through techniques such as Orthogonal Frequency Division Multiple Access (OFDMA) and Overlapping Basic Service Sets (OBSS). OFDMA improves channel utilization while OBSS further eliminates network congestion.

Wireless users can use the same applications they use on a wired network. To enjoy the mobility of wireless network more safely in office environments and public areas such as airports, shops and universities, Wi-Fi Protected Access (WPA) security method is commonly employed. It uses a passphrase or key to authenticate your wireless connection. The advanced WPA3 implements the strongest password security via Simultaneous Authentication of Equals (SAE). The Simultaneous Authentication of Equals (SAE) of WPA3 enhances the protection against dictionary attacks.

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 combination of Eagle Pro AI series router and extenders provides this links and whole-house coverage with significantly faster speeds .

Tips

Here are a few things to keep in mind when you are installing your AX1500 Smart Range Extender.

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 the same frequency.

Wireless Encryption

Don't let your neighbors or intruders connect to your wireless network. Encrypt your wireless network by utilizing the Wi-Fi Protected Access security protocols on the extender and uplink router. Refer to the relevant sections of this manual for further details.

Technical Specifications

Standards

- IEEE 802.11ax^{1,2,3}
- IEEE 802.11ac^{1,2,3}
- IEEE 802.11a
- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.11k/v

Wireless Frequency Range²

- 2.4 GHz to 2.4835 GHz
- 5.18 MHz to 5.85 MHz

Device Interfaces

- 802.11ax/ac/n/g/b/a Wireless LAN
- 10/100/1000 Gigabit Ethernet Port
- Reset Button
- WPS Button

Wireless Security

- WPA3/WPA2/WPA-Personal
- Wi-Fi Protected Setup (WPS)

Advanced Features

- The EAGLE PRO AI app that offers AI-assisted network management through the main router
- Compatible with D-Link Wi-Fi Mesh routers

Device Management

- Web User Interface
- EAGLE PRO AI app

Diagnostic LEDs

- Power/Status/WPS indicator
- 4-level Wi-Fi signal strength indicator

Operating Temperature

- 0 to 40 °C (32 to 104 °F)

Storage Temperature

- Storage: -20 to 70 °C (-4 to 158 °F)

Operating Humidity

- 10% to 90% maximum, non-condensing

Storage Humidity

- 5% to 95% maximum, non-condensing

Power

- Input: 100 to 240 V AC, 50/60 Hz
- Output: 12V, 1A

Dimensions

- 105 x 63.5 x 50 mm (4.13 x 2.5 x 1.97 in)

Weight

- 170 grams (6.0 oz)

Certifications

- FCC
- IC
- CE
- UL

The marking information is located at the bottom of the apparatus.

¹ Maximum wireless signal rate derived from IEEE Standard 802.11a, 802.11g, 802.11n, 802.11ac and 802.11ax 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 factors will adversely affect wireless signal range.

² Frequency Range varies depending on country's regulation.

³ The router does not include 5.25-5.35 GHz & 5.47-5.725 GHz in some regions.

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Please direct all inquiries to:
Email: GPLCODE@DLink.com
Snail Mail:
Attn: GPLSOURCE REQUEST
D-Link Systems, Inc.
17595 Mt. Herrmann Street
Fountain Valley, CA 92708

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THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM “AS IS” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

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IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

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.

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 24 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.

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 29 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 29 cm de distance entre la source de rayonnement et votre corps.

Caution:

- 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;
- ii.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 as appropriate;

Avertissement:

- i.les dispositifs fonctionnant dans la bande de 5 150 à 5 250 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.pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5 725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée, selon le cas;

NCC 警語：

以下警語適用台灣地區

依據 低功率電波輻射性電機管理辦法

第十二條：經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條：低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

應避免影響附近雷達系統之操作。

高增益指向性天線只得應用於固定式點對點系統。

電磁波曝露量MPE標準值 $1\text{mW}/\text{cm}^2$ ，送測產品實測值為： $0.218\text{mW}/\text{cm}^2$



	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. rendeletnek. 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-samræmisýfirlýsinguna 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 ohne einen 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 u het 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 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, odnešte jej prosím na sběrné místo určené místními úřady k tomuto účelu. Někteřá 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.

Suosittelomme, 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 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.

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