DAP-1860

AC2600
Wi-Fi Range Extender

Quick Install Guide
D-Link®

Package Contents

DAP-1860 AC2600 Wi-Fi Range Extender

Wi-Fi Configuration Card
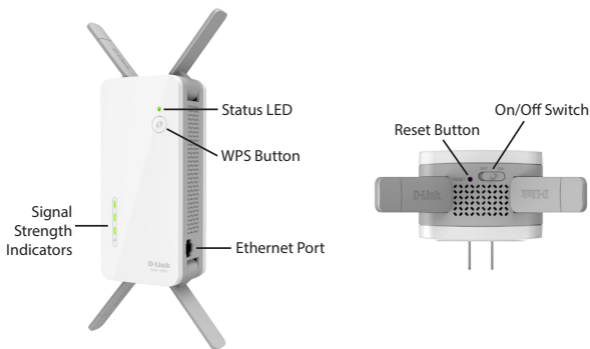
Quick Install Guide

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

Before You Begin

- Make sure the area that you want to plug the extender into has a solid connection to your router. Use a wireless laptop, tablet, or mobile phone in that area to test the connection to verify.
- If your wireless router or access point does not support WPS, follow the steps under *Configure the DAP-1860 Using a Web Browser* to connect to the DAP-1860 and run the Setup Wizard. If you are not sure how to enable WPS on your wireless router, please refer to your router's user manual.

Product Overview

Status LED

WPS Button

Signal Strength Indicators

Ethernet Port

On/Off Switch

Reset Button

LED	Color	Status	Description
Status LED	**Red**	Solid	The device is powering on/booting up.
	Amber	Blinking	The device is ready but not connected to an uplink router.
	Green	Solid	Indicates that the DAP-1860 is securely connected to your wireless router or access point.
		Blinking	The WPS button has been pushed and the device is processing a connection.
Signal Strength Indicators			

Very Poor (Amber)	Poor (Green)	Good	Best

Connect to Your Router Using WPS

1 Find an available outlet near your wireless router. Plug in the DAP-1860 and wait until the Status LED is blinking amber.
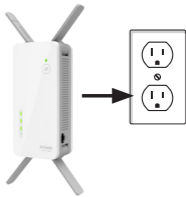
2 Press the **WPS** (Wi-Fi Protected Setup) button on your wireless router.
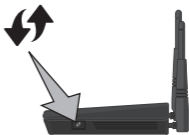
3 Within one minute, press the **WPS** button on the DAP-1860. The Status LED will start to blink.

4 When the Status LED turns solid green, this indicates that the DAP-1860 is securely connected to your wireless router or access point. You can now unplug and move the DAP-1860 to a location between your wireless router and the area that you need wireless coverage.
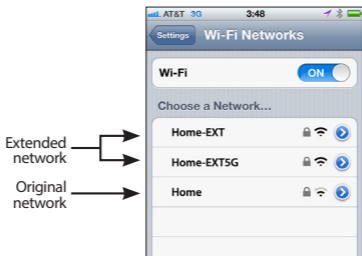

If the signal strength indicators are showing one single amber bar or if the DAP-1860 is not connecting, move the DAP-1860 to a wall outlet closer to your wireless router or access point.

Connect Your Wireless Devices

5 From your wireless device go to the Wireless Utility to display the available wireless networks.

Extended network →

Original network →

The SSID on the DAP-1860 will automatically be assigned the following:
- 2.4GHz (Your Router's SSID)-EXT
- 5GHz (Your Router's SSID)-EXT5G

The Wi-Fi password for the DAP-1860 will be the same as your router.

Repeat step 5 to connect additional Wi-Fi devices to the DAP-1860.

6 Your device is now connected to the DAP-1860 and can connect to your wireless router. If you want to change your network settings, password, etc., follow the steps on the next page to configure the DAP-1860. To connect additional devices, repeat step 5.

Your setup is complete!

Configure the DAP-1860 Using a Web Browser

You may log into the web-based configuration utility on the DAP-1860 to perform the following tasks:

- Upgrade firmware
- Change wireless and network settings
- Change the login password

1 Plug the DAP-1860 in an available outlet near your router. You may move it to a more suitable location after configuration.

2 Open the wireless utility on your wireless device or computer. Select the Wi-Fi Network name (from the Wi-Fi Configuration Card) and enter the password. You may also connect the DAP-1860 to your router or computer using an Ethernet cable.
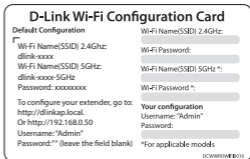

3 Open a web browser (e.g., Internet Explorer, Firefox, Safari, or Chrome) and enter **http://dlinkap.local./**. You may also enter the IP address of the DAP-1860.
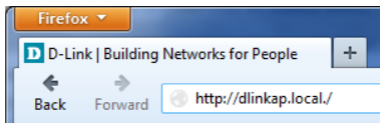
Note: The default IP address is 192.168.0.50. Once the DAP-1860 connects to your router, it will get assigned a new IP address based on your router/network's DHCP settings. You will need to log in to your router and view the DHCP table to see what IP address was assigned to the DAP-1860. The MAC address is printed on the label on the device.

4 Once you connect, the login page will appear. Enter your password and click **Log in**. By default the password is blank.

Note: If this is the first time logging in to the DAP-1860, you will be directed to the Wizard automatically. Skip to step 6.
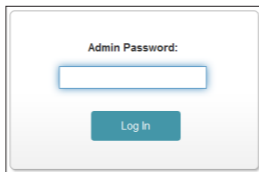
5 The home page will display your current status. A green check mark represents a successful connection to your wireless router or access point (AP). A red X means there is not a connection to your router or access point. Click the Uplink Router icon to start the wizard.
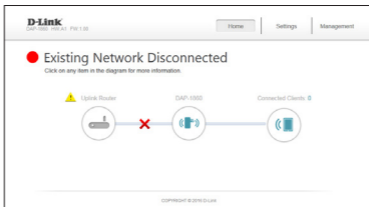
6 Select your language from the drop-down menu and then click **Next**.

7 The WPS process will be started on the DAP-1860 automatically. Press the WPS button on your wireless router or access point.

If you want to manually select the wireless network you want to extend, click **Extend an existing wireless network** and go to the next page. If you want to connect the DAP-1860 to a wired network using an Ethernet cable, click **Add wireless to your wired network** and skip to page 11.
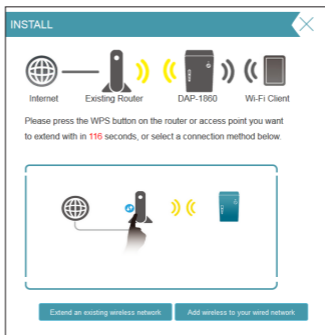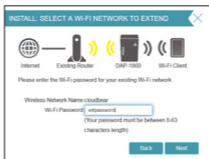
If you clicked "Extend an existing wireless network"

8 A list of detected wireless networks within range of the DAP-1860 will appear. Click on the network you want to extend. If you want to manually type in the Wi-Fi network name (SSID), click **Manual** at the bottom.

9 If your wireless network is secure/encrypted, enter the Wi-Fi password and click **Next** to continue.

If you clicked **Manual**, enter the SSID and security information (Wi-Fi password) of the wireless network you want to extend and click **Next** to continue.

Skip to page 12 to continue

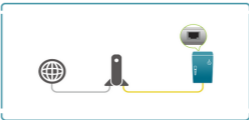## If you clicked "Add wireless to your wired network"

8 Connect the DAP-1860 to your network using an Ethernet cable. The wizard will automatically go to step 10 on the next page. If you wish to connect the DAP-1860 later, click **Skip**.

10 Enter a new Wi-Fi network name for the DAP-1860 and enter a new Wi-Fi password. Click **Next** to continue.

CONFIGURATION - EXTENDED NETWORK

Internet — Existing Router))) (((DAP-1860 (((Wi-Fi Client

You need to give your extended Wi-Fi network a name (SSID) and a password. You can then connect to this extended Wi-Fi network using the password you have chosen.

2.4GHz Wi-Fi Network Name: dlink-3C18

The Wi-Fi Network Name is up to 32 characters.

Wi-Fi Password: abcde12345

The password must contain at least 8 characters

Back   Next

11 Enter an administrator password for the DAP-1860. This is the password you will use to enter the web-based configuration. Click **Next** to continue.

INSTALL: SELECT A WI-FI NETWORK TO EXTEND
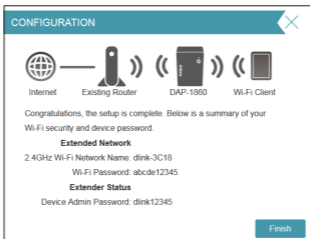
Internet — Existing Router))) (((DAP-1860 (((Wi-Fi Client

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

Wireless Network Name:

Security: WPA/WPA2-Personal

Password:

Back   Next

12 A summary page will display your settings. Click **Finish** and the DAP-1860 will reboot. If you want to make any changes, click **Back**.

Setup is now complete. Allow about two minutes for the DAP-1860 reboot. Verify that the Status light is green and the signal strength indicators are lit. You can now unplug the DAP-1860 and connect to a different location if needed.

Troubleshooting

Why can't I connect to my wireless router or my wireless connection drops?

1. Verify that the DAP-1860 is within range of your wireless router. Try plugging it into a location closer to the router and verify the Status LED is solid green.

2. Note that when repeating a wireless signal from a router or access point, devices connected to the repeater will not get the same speed/throughput as when connected directly to the router.

How do I change the wireless settings on the DAP-1860?

1. Open a web browser (e.g., Internet Explorer, Firefox, Chrome or Safari) and go to **http://dlinkap.local./** or enter the IP address (http://192.168.0.50 by default).

2. At the login screen, enter your password and click **Log in**.

3. Go to **Setup** > **Extender**.

4. Enter a new **Wi-Fi Network Name** (SSID) for the 2.4GHz and 5GHz bands, and modify the security (Wi-Fi password) settings as needed. If you want to create a different name and password for each band separately, next to *Smart Connect*, select **Disable** and enter your new settings.

5. Click **Save**.

Note: If you have changed the Wi-Fi Network name, the device you are currently using to connect to the DAP-1860 will drop. You will need to open your wireless utility and connect to the DAP-1860 using the new network name and password.

Where should I place my DAP-1860 when using it as a range extender?

A Range Extender only works as well as the signal it is extending. Therefore, proper placement of your DAP-1860 is important in achieving desired results.

✓ Ideal location   ! Poor location
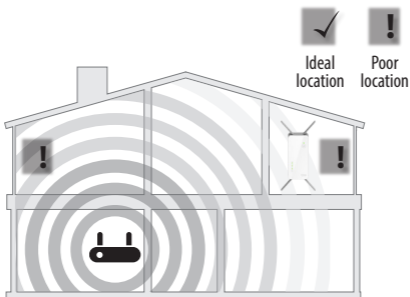
A Range Extender only works as well as the signal it is extending. Therefore, proper placement of your DAP-1860 is important in achieving desired results.
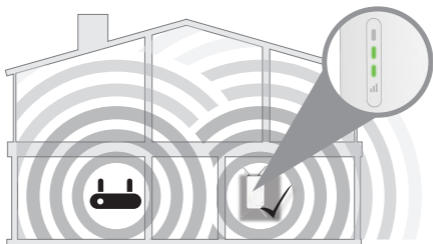
For best performance, place your DAP-1860 in between your router and your dead zone, making sure it's placed in a location where the Wi-Fi signal is still strong. Use the Smart Signal Indicator to help find a location with a strong signal. The more bars lit on the signal indicator, the stronger the Wi-Fi signal is.

What if I forgot my DAP-1860 password?

1. If you forgot your password or want to reset the DAP-1860 back to the factory default settings, press and hold the reset button on the bottom of the extender using a paper clip and release after a minimum of 10 seconds. The Status light will turn red.

   Note: This process will erase all your settings.

2. You may repeat the WPS process on page 5. Follow the steps under *Connect to Your Router Using WPS*.

Reset Button

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Notes

Notes

Technical Support

This guide is for first time configuration. Please refer to the user manual to learn more.

U.S. and Canadian customers can contact D-Link Technical Support through our website.

USA

🏠 http://support.dlink.com/DAP-1860

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🏠 http://support.dlink.ca/DAP-1860

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