mydlink cloud services

DIR-880L

Wireless AC1900
Dual Band Gigabit Cloud Router
Quick Install Guide

D-Link®

Package Contents

DIR-880L Dual Band Gigabit Cloud Router with External Antennas

Power Adapter

Ethernet Cable

Wi-Fi Configuration Card

Quick Install Guide

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

Minimum Requirements

Network Requirements:
• An Ethernet-based broadband modem

Web-based Configuration Requirements
Computer with the following:
• Windows® or Mac OS® X operating system
• An installed Ethernet adapter or wireless adapter

Supported Browsers:
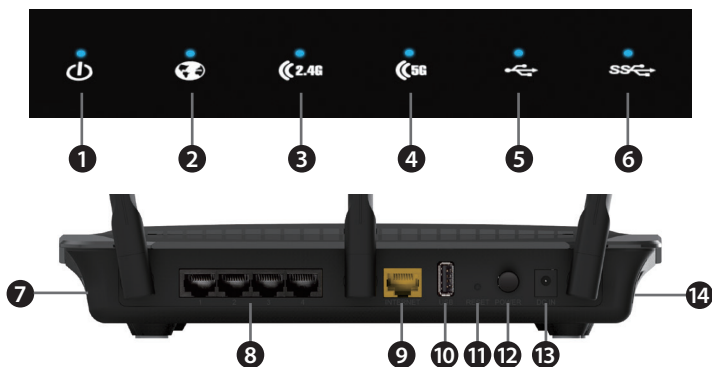• Internet Explorer® 7 or higher, Safari® 5 or higher*, Firefox® or Chrome™

  Make sure you have the latest version of Java installed. Visit **www.java.com** to download the latest version.

  Note: We recommend Internet Explorer® 11 and Safari® 7 for best performance.

mydlink Requirements
• For mydlink and mydlink app requirements refer to:
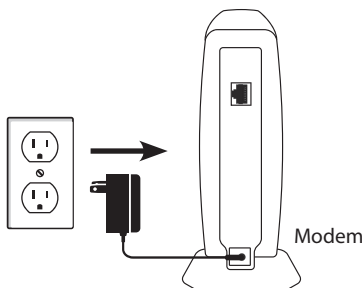 **http://www.mydlink.com**

Hardware Overview

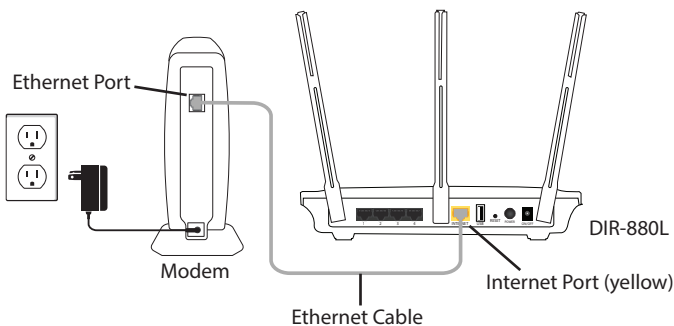| 1	**Power LED**	A solid blue light indicates a proper connection to the power supply. The light will be solid orange during boot-up.
2	**Internet LED**	A solid blue light indicates a connection to the Internet port. If the LED is orange, the connection is good but the router cannot connect to the Internet.
3	**2.4G LED**	A solid blue light indicates the 2.4GHz wireless function is working properly. During the WPS process, this light will blink quickly. When used in Bridge mode, the light will blink slowly when successfully connected to a wireless device.
4	**5G LED**	A solid blue light indicates the 5GHz wireless function is working properly. During the WPS process, this light will blink quickly. When used in Bridge mode, the light will blink slowly when successfully connected to a wireless device.
5	**USB LED**	A solid blue light indicates a USB 2.0 device is connected.
6	**SS USB LED**	A solid blue light indicates a USB 3.0 device is connected.
7	**WPS Button**	Press to start the WPS process. The 2.4G or 5G LED will blink fast, depending on which band the device is connecting with.
8	**LAN Ports (1-4)**	Connect Ethernet devices such as computers, switches, and game consoles.
9	**Internet Port**	Connect a broadband modem to this port using an Ethernet cable.
10	**USB 2.0 Port**	Connect a USB flash drive to share content throughout your network. Port supports USB 2.0 devices.
11	**Reset Button**	Press and hold the reset button with a paper clip for six seconds to reset the router to the factory default settings.
12	**Power Button**	Press to power the router on and off.
13	**Power Port**	Connect the supplied power adapter.
14	**USB 3.0 Port**	Connect a USB flash drive to share content throughout your network. Port supports USB 3.0 devices.

Before you Start

- **Users with DSL providers** - If you are using a PPPoE connection, you will need your PPPoE user name and password. If you do not have this information, contact your Internet provider. Do not proceed until you have this information.

- **Users with Cable providers** - Make sure you unplug the power to your modem. In some cases, you may need to turn it off for up to 5 minutes.

- **Advanced Users** - If your ISP provided you with a modem/router combo, you will need to set it to "bridge" mode so the DIR-880L router can work properly. Please contact your ISP or refer to the user manual for your modem/router device.

Connect your Router

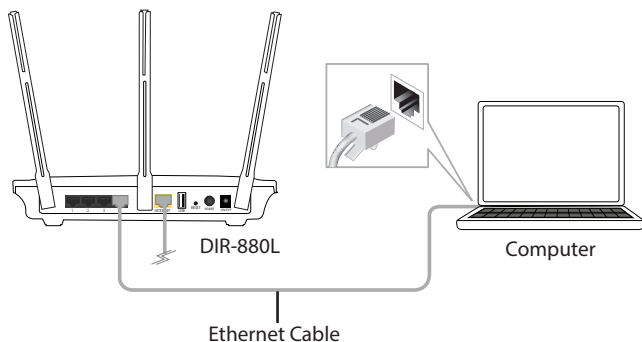**1** Unplug the power to your DSL or Cable modem.

Modem

2 Connect an Ethernet cable from the Internet port of the router to the Ethernet port on your DSL or Cable modem.
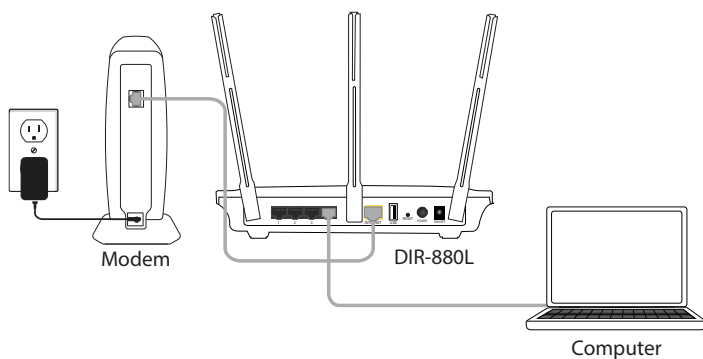

Ethernet Port

Modem

DIR-880L

Internet Port (yellow)

Ethernet Cable

3 Connect another Ethernet cable from the Ethernet port on your computer to one of the LAN ports on the router.
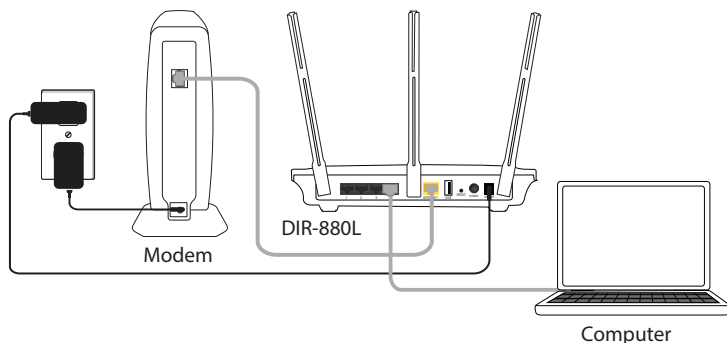

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Computer

Ethernet Cable

4 Plug the power back into your DSL or cable modem. Please wait about one minute before continuing.

Modem

DIR-880L

Computer

5 Plug the power adapter into your router and connect to an available power outlet or surge protector. If the Power LED does not light up, press the Power button on the back of the router.

Modem

DIR-880L

Computer

6 After the router has powered up, verify that the Power (blue) and Internet (blue or orange) LEDs are both lit. Proceed with router configuration.
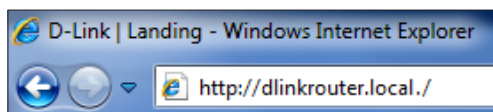
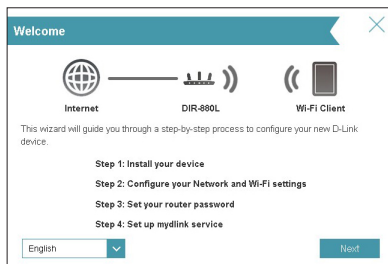## Configuration

There are two ways to configure your router:
- A. **Web Browser** - Use a web browser from your computer.
- B. **QRS Mobile app** - Use a mobile device with the D-Link QRS Mobile app. Refer to the *QRS Mobile Setup* section for more information.
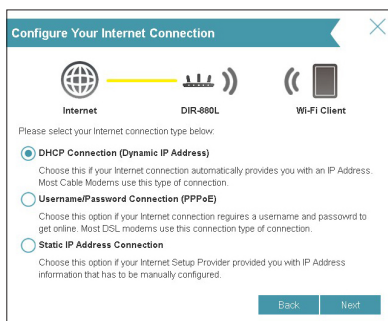
A. Web Browser Configuration

1 Open a web browser (e.g., Internet Explorer, Chrome, Firefox, or Safari) and enter **http://dlinkrouter.local./** or the IP address of the router (**http://192.168.0.1)**.

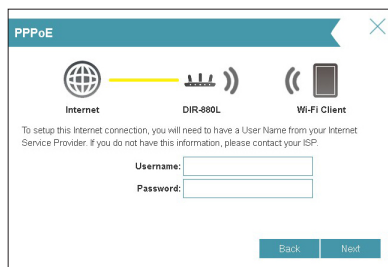D-Link | Landing - Windows Internet Explorer

http://dlinkrouter.local./

2 When the Welcome screen appears, click **Next** to continue.

3 The router will automatically detect your Internet connection type. If not, then select your Internet connection and click **Next** to continue.

4 DSL (PPPoE) users enter your PPPoE user name and password supplied by your ISP. Click **Next** to continue.

5 For both the 2.4GHz and 5GHz bands, create a name for your Wi-Fi Network and a password. Your wireless devices (i.e., tablets, smartphones, and laptops) will need to have this information entered to be able to connect to your wireless network. Click **Next** to continue.

6 Continue with the Setup Wizard to finish configuring your DIR-880L router. Once completed, the Internet LED will turn blue indicating that your router is connected to the Internet.

Note: Setting up "mydlink" is optional and not required for the router to function.

Congratulations! You have completed the router installation.

B. QRS Mobile Setup

1 Scan the code below or search "QRS Mobile" (App Store or Google Play) to download the QRS Mobile App to your iPhone, iPad, or Android device.

iOS   Android   QRS Mobile App

2 Once your app is installed, you may now configure your router. Connect to the router wirelessly by going to your wireless utility on your device. Scan for the wireless network name as listed on the supplied Wi-Fi Configuration card/sticker. Select the network and then enter the Wi-Fi Password.

D-Link Wi-Fi Configuration Card

Default Configuration

Wi-Fi Name(SSID) 2.4Ghz:
dlink-xxxx
Wi-Fi Name(SSID) 5GHz:
dlink-xxxx-5GHz
Password: xxxxxxxx

To configure your router, go to:
http://dlinkrouter.local.
Or http://192.168.0.1
Username: "Admin"
Password:"" (leave the field blank)

Wi-Fi Name(SSID) 2.4GHz:

Wi-Fi Password:

Wi-Fi Name(SSID) 5GHz *:

Wi-Fi Password *:

Your configuration
Username: "Admin"
Password:

*For applicable models

DCWWROWfi0010

3 Once connected, click on the **QRS Mobile** icon from your mobile device, then click **Start** to continue. Please follow the on-screen instructions to complete the setup.

4 Once the *Setup Complete* screen appears, click **Save** and write down the new Wi-Fi Network name and password on your companion card for future reference.

Note: *To reconnect to your router, launch your wireless utility, select the new Wi-Fi Network you created, and then enter your new Wi-Fi password.*

Troubleshooting

How do I connect my wireless devices to the DIR-880L router?

1. Open your wireless network utility that displays available wireless networks.
2. Select the Wi-Fi Network name you assigned in the wizard and connect.

   Note: If you did not run the setup wizard or you reset the router to its default settings, refer to the Wi-Fi Configuration Card included for the default Wi-Fi Network Name and Wi-Fi Password.

You can also connect wireless devices to the DIR-880L router using WPS:

1. Press the WPS button on the DIR-880L for three seconds.
2. Within one minute press the WPS button on your wireless device.
3. Allow up to two minutes to connect.

   Note: Some devices may require you to log in to a utility to start the WPS process. Refer to the user manual of the device you want to connect to the router if you do not know how to start the WPS process.

How do I connect the DIR-880L to my wireless router when it is in bridge mode?

1. Press the WPS button on your wireless router.
2. Within one minute, press the WPS button on the DIR-880L**.**
3. Allow up to two minutes to connect to the router.

   Note: If the WPS method fails, use the manual configuration method. Refer to the DIR-880L User Manual.*

How do I change the wireless settings on the DIR-880L router?

1. Open a web browser (e.g., Internet Explorer, Chrome, Firefox, or Safari) and enter **http://dlinkrouter.local./** You can also enter the IP address of the router (**http://192.168.0.1)**.
2. At the login screen, enter the router password you created in the wizard (no password by default).
3. Go to **Setup** > **Wireless Settings > Manual Wireless Network Setup** to create a new Wi-Fi network name (SSID) and Wi-Fi password.

*Documentation available at http://www.dlink.com/DIR-880L.

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17595 Mt. Herrmann Street
Fountain Valley, CA 92708

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Version 3, 29 June 2007

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Having trouble installing your new product? D-Link's website contains the latest user documentation and software updates for D-Link products. U.S. and Canadian customers can contact D-Link Technical Support through our website.

United States

Internet: http://support.dlink.com

Canada

Internet: http://support.dlink.ca

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