

User Manual

SharePort™ Go III Wi-Fi AC750 Portable Router and Charger

DIR-510L

Preface

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

Manual Revisions

Revision	Date	Description
1.0	March 12, 2014	• Initial release for Revision A1

Trademarks

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Package Contents



DIR-510L SharePort™ Go III Portable Router and Charger



Power Adapter



Quick Install Guide

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

Note: Using a power supply with a different voltage rating than the one included with the DIR-510L will cause damage and void the warranty for this product.

Minimum Requirements

System Requirements	<ul style="list-style-type: none">• Smartphone, tablet or computer with Wi-Fi capability• iOS 5.0 or Android 2.3.3 or higher
Network Requirements	<ul style="list-style-type: none">• An Ethernet-based Cable or DSL modem, a 3G/4G USB adapter, or a wireless hotspot• IEEE 802.11ac, 802.11b, 802.11g, or 802.11n wireless clients
Web-based Configuration Utility Requirements	<ul style="list-style-type: none">• Windows® 8, 7, Vista®, XP, or Mac OS® X (10.4)• iOS 5.0 or Android™ 2.3.3 mobile device <p>Browser Requirements:</p> <ul style="list-style-type: none">• Internet Explorer® 8 or higher• Firefox® 12.0 or higher• Safari® 5.0 or higher• Chrome™ 20 or higher <p>Windows® Users: Make sure you have the latest version of Java installed. Visit www.java.com to download the latest version.</p>
For Internet Access	<ul style="list-style-type: none">• Subscription with an Internet Service Provider (IS)• 3G/4G USB Adapter for Internet Connection in <i>Mobile Router Mode</i>• Access to a Wi-Fi Connection in <i>Hotspot Mode</i>
SharePort Mobile	<ul style="list-style-type: none">• Windows® 8/RT device

Introduction

Create a secure wireless network to share photos, music, and video on-the-go, with the D-Link DIR-510L SharePort™ Go III Wi-Fi AC750 Portable Router and Charger. Stay connected wherever you are, and share an Internet connection from your home or hotel room, a 3G/4G mobile USB adapter, or even another wireless network. When you connect to a Wi-Fi hotspot you can share your Internet access with your friends securely.

For convergence with convenience, the DIR-510L also supports UPnP and DLNA protocols for easy sharing of media to certified devices. With the mydlink SharePort and SharePort Mobile apps, your iOS, Android, and Windows 8/RT devices can easily access files and stream media either remotely or locally from a USB drive attached to the portable router.

The DIR-510L provides the latest Wireless AC 750 technology for smooth performance during data transmission and multimedia streaming. The device supports all of the latest wireless security features to prevent unauthorized access. It makes no difference if you are connected to the Internet via a wired or wireless connection. Support for WPA2 standards ensures that you'll be able to use the best possible encryption method, regardless of your client devices. WPS 2.0 Wi-Fi Protected Setup enables an easy and secure wireless connection. The Guest Zone feature provides a separate subnet for guests to access the Internet. In addition, this router allows VPN pass through via PPTP, L2TP, or IPSec for secure tunnel connections.

The DIR-510L can charge mobile devices such as phones, tablets, and other devices via its universal USB ports. This feature offers peace of mind when you are away from home with devices that are low on battery, and you've forgotten to bring along your devices' chargers. Never again be stuck with a dying smartphone.

Features

- **Advanced Wireless AC Technology** - The DIR-510L provides up to 750 Mbps¹ wireless speeds with other 802.11ac wireless clients using dual frequency bands to free up network congestion. This gives you smooth performance during video streaming, audio playback, and online gaming for multiple clients.
- **Access the Internet** - The DIR-510L allows you to connect all of your wireless devices to the Internet via wired Broadband, 3G/4G, or wireless hotspot.
- **Multimedia On-The-Go** - The DIR-510L is designed as the media hub for all of your mobile needs with the following features:
 - **Dual USB Interfaces**² - Easily store and share music, videos, photos, and files on your USB drive while charging another device.
 - **UPnP and DLNA Support**³ - Compliant with the latest DLNA certification requirements, the DIR-510L can stream many compatible media formats to other DLNA devices wirelessly.
 - **mydlink SharePort app** - Stream your media and upload files locally or remotely through the Internet to your iPhone®, iPad® or Android™ device.
 - **Built-in Charger**⁴ - A 4000 mAh lithium-ion internal battery with Over Current Protection (OCP), Over Voltage Protection (OVP), Over Temperature Protection (OTP), and Short Circuit Protection (SCP) lets you charge your mobile devices on-the-go.
- **Compatible with 802.11n, 802.11g and 802.11b Devices** - The DIR-510L is still fully backward-compatible with the IEEE 802.11n, 802.11g and 802.11b standards, so it can connect with existing devices using these standards.

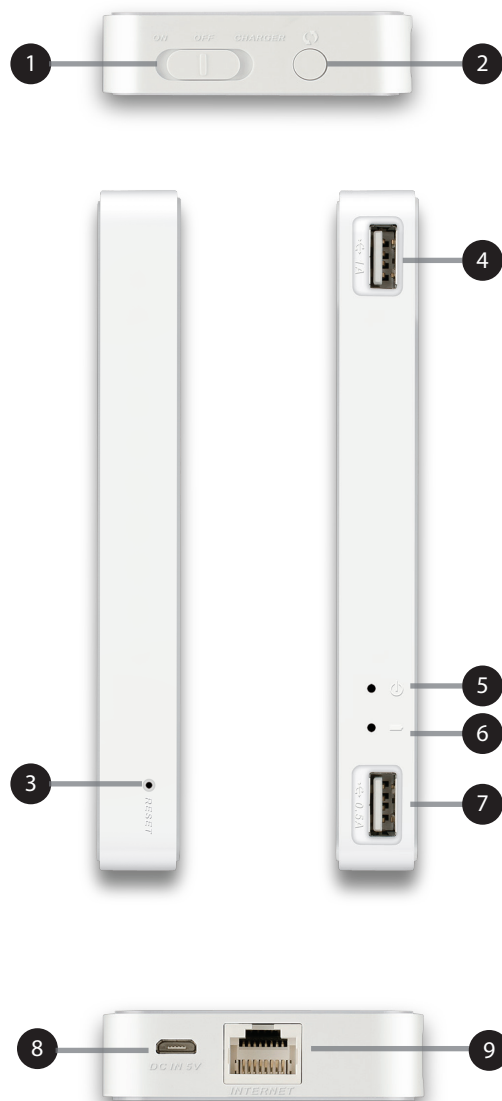
¹Maximum wireless signal rate derived from IEEE Standard specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental conditions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

²The battery may be drained if a high-power 2.5" or 3.5" USB hard drive is attached to the USB ports.

³DLNA support will be available in a future firmware update.

⁴Actual usable capacity may vary depending on charging conditions.

Hardware Overview



1	ON/OFF/CHARGER Switch	Slide the switch to ON to operate the DIR-510L in <i>Router Mode</i> . Slide the switch to CHARGER to charge devices connected via USB. ¹	
2	WPS Button	Press the WPS button to automatically connect additional devices to the unit securely.	
3	Reset Button	Press the Reset button reset the router to its original factory default settings.	
4	USB Port (1A)	Connect a 3G/4G USB adapter to use <i>Mobile Router Mode</i> to share your Internet broadband. Connect a USB drive to share locally using mydlink SharePort and SharePort Web Access. Connect a device (high-power support) via USB cable to charge it. ²	
5	Power/Status LED	Green (Solid)	The device is connected and working properly.
		Green (Blinking)	The device is currently connecting via WPS.
		Orange (Solid)	The device is powering up or resetting.
		Orange (Blinking)	The device cannot connect to the Internet or is in <i>Recovery Mode</i> .
		Red (Solid)	The system is defective.
		Off	The device is turned off or in <i>Charging Mode</i> .
6	Battery LED	Green (Solid)	Battery capacity is 80% or more.
		Orange (Solid)	Battery capacity is between 15% and 80%.
		Red (Solid)	Battery capacity is 15% or less.
		Red (Blinking)	Battery is defective.
		Off	Charging is complete (when connected to a power supply) or the device is out of battery.
7	USB Port (0.5 A)	Connect a USB drive to share media locally using mydlink SharePort and SharePort Web Access.	
8	Power Receptor (Micro USB)	Connect the included power adapter to power and charge the unit.	
9	Internet Port	Connect an Ethernet cable to a cable or DSL modem to use Broadband <i>Router Mode</i> .	

¹If you attach one or more USB devices (like a 2.5" USB drive) that draws a total of 0.7 A or more power, the power adapter will not supply enough voltage to charge your DIR-510L while simultaneously powering the USB device(s).

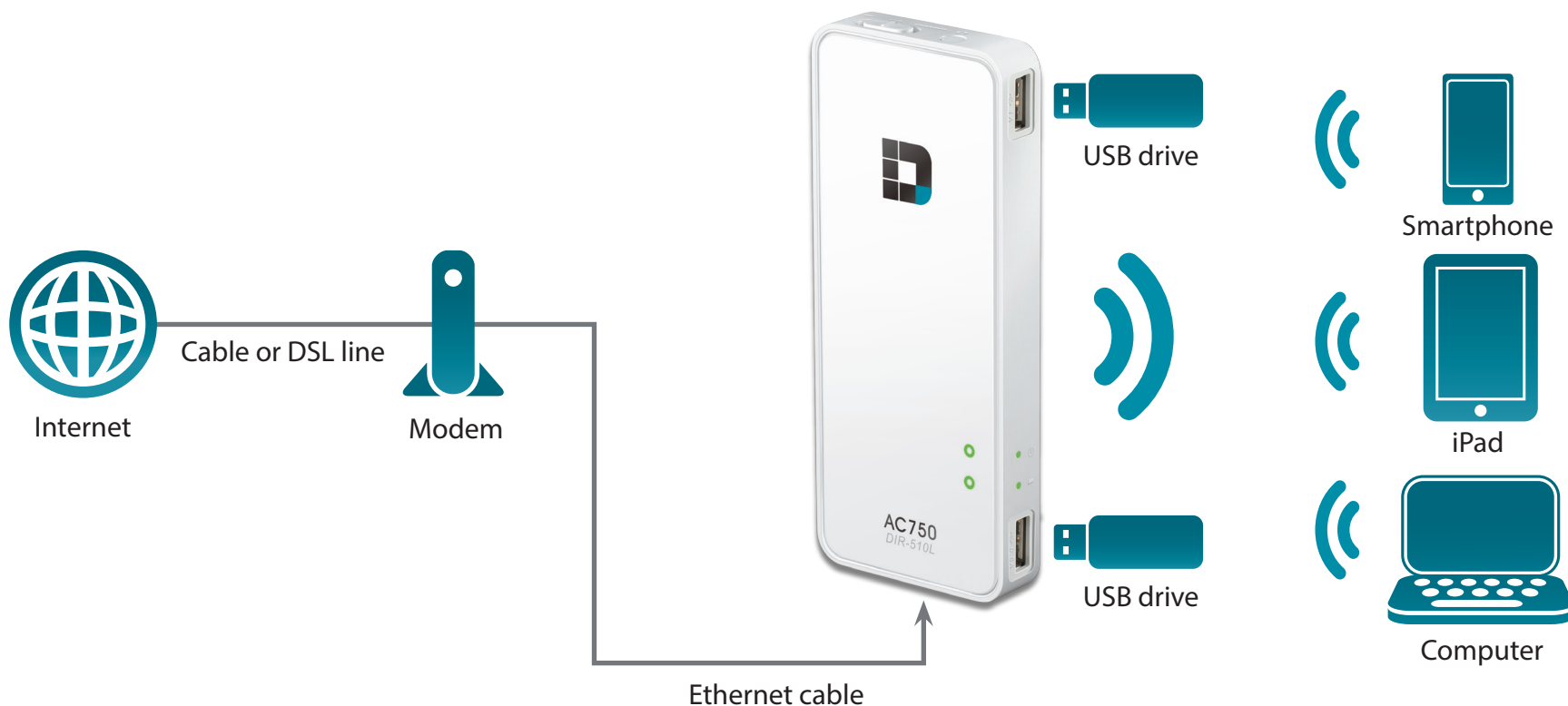
²The DIR-510L only supports charging other devices on USB port (1A) in *CHARGER Mode*.

What Mode Should I Use to Connect?

Router Mode

In *Router Mode*, the DIR-510L connects to your cable modem, DSL modem, or other Internet source with an Ethernet cable, and wirelessly shares your Internet connection with other devices. Use it for Internet access while you are staying at a hotel, or provide access for an entire home or office. You can also connect a USB drive to share files with the devices on your wireless network by using SharePort. Refer to [“Sharing Files Using mydlink SharePort” on page 49](#).

Note: For best performance when using SharePort, we recommend you limit the number of simultaneous users to five.



Mobile Router Mode

In *Mobile Router Mode*, you must use a compatible 3G/4G USB adapter and be within your Internet Service Provider's cellular coverage area. Once connected, you can wirelessly share your Internet connection with other devices when you are on-the-go. You may also share files with other devices on your wireless network by inserting a USB drive and using SharePort. Refer to ["Sharing Files Using mydlink SharePort" on page 49](#).

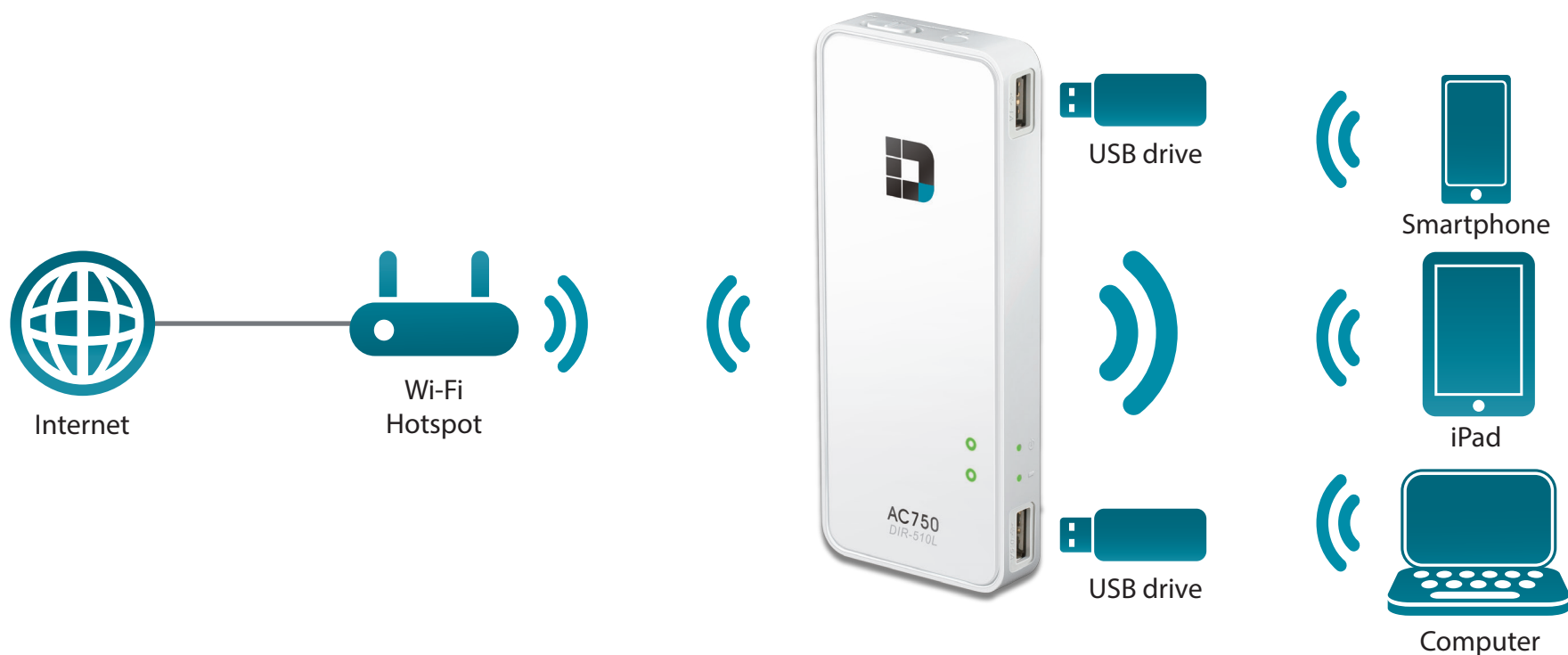
Note: Refer to the D-Link website for more information on compatible 3G/4G USB adapters.



Wi-Fi Hotspot Mode

You can set up your DIR-510L to share a Wi-Fi hotspot (for example, at a hotel, airport, or coffee shop) wirelessly with other devices. In *Wi-Fi Hotspot Mode*, the DIR-510L connects to an existing wireless network and then wirelessly shares your Internet connection with other devices. You must have the Wi-Fi Network name and password for the access point you are connecting the DIR-510L to.

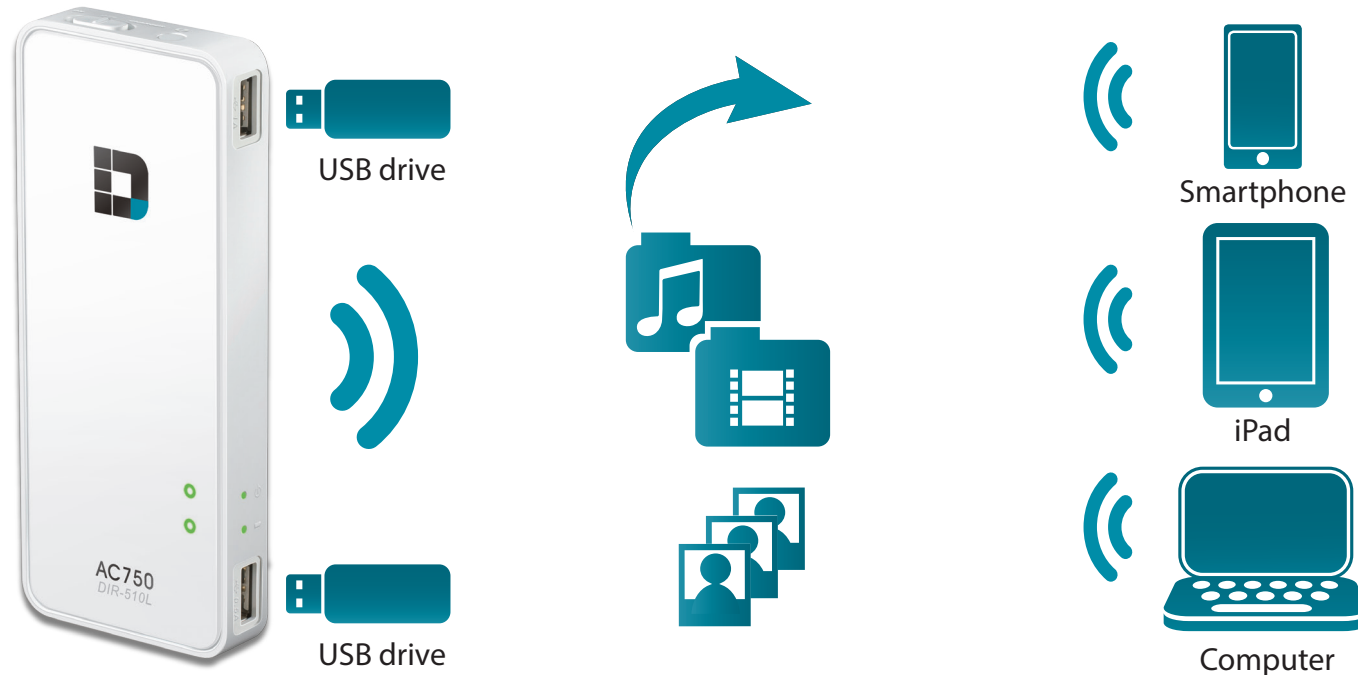
Note: In public environments, it is highly recommended that you password protect the shared Internet connection to the DIR-510L.



LAN Sharing

Even without Internet access, you can connect other Wi-Fi devices wirelessly to the DIR-510L by creating a private network anywhere. You may connect one or two USB drives to locally share files with devices on your wireless network using SharePort. Refer to “Sharing Files Using mydlink SharePort” on page 49.

Note: In public environments, it is highly recommended that you password protect the private LAN (local area network) on the DIR-510L.



Installation

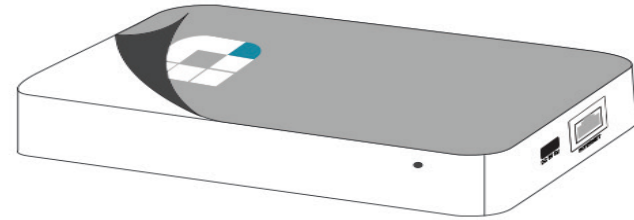
Wireless Installation Considerations

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

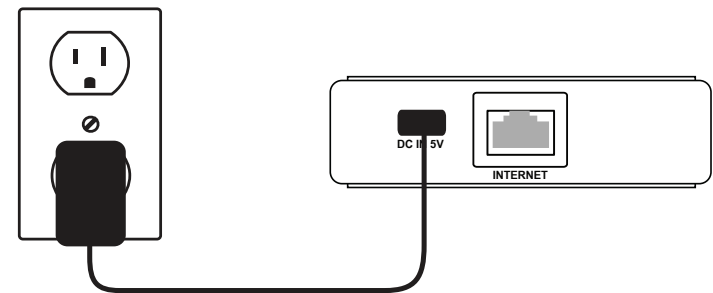
1. Keep the number of walls and ceilings between the D-Link router and other network devices to a minimum - each wall or ceiling can reduce your adapter's range from 3-90 feet (1-30 meters.) Position your devices so that the number of walls or ceilings is minimized.
2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle it 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 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.

First Time Setup

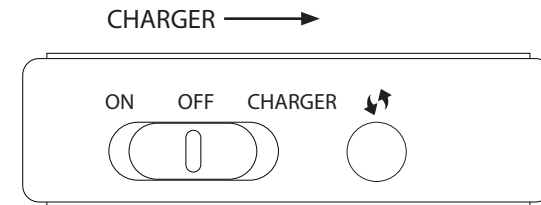
- Peel off the protective film from the top and bottom of the device.



- Connect one end of the supplied power adapter to the DIR-510L and the other end to a wall outlet.



- Make sure the ON/OFF/CHARGER switch is in the **CHARGER** position. Charge the device for at least four hours or until the battery LED indicator is solid green or off.



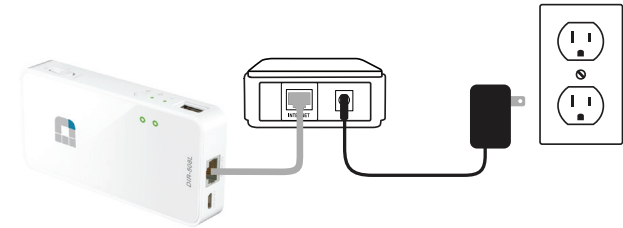
Note: For more information on charging the device, refer to ["Hardware Overview" on page 5](#).

Connecting Your Equipment

Depending upon available resources, the DIR-510L can be set up from the device of your choice with Wi-Fi and a web browser.

Using Broadband Ethernet: You need an Ethernet cable connection to your cable or DSL modem.

- Connect one end of an Ethernet cable to your modem and the other end to the Internet port on the DIR-510L.



Using a 3G/4G USB Adapter: You need a compatible* 3G/4G USB adapter with an active SIM card.

- Plug the 3G/4G USB adapter into the USB port on the DIR-510L.



***Note:** Refer to the D-Link website for more information on compatible 3G/4G USB adapters.

Connecting to a Wi-Fi Hotspot: You need the Wi-Fi network name and password of the hotspot you want to connect to.



Configuration

There are several different ways you can configure your router to connect to the Internet and connect to your clients:

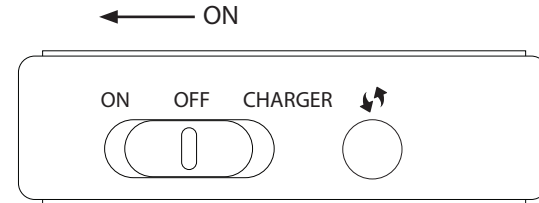
- **Setup Wirelessly** - You can use your mobile device or pc to set up wirelessly. Refer to ["Connecting to Your DIR-510L" on page 14.](#)
- **Setup Wizards** - From the Home page you can access wizards for various functions including configuration. Refer to ["Home" on page 17.](#)

Connecting to Your DIR-510L

Before you can configure the DIR-510L, you will first need to connect to it wirelessly from your mobile device or computer.

- Make sure the DIR-510 L is either charged* or plugged in. Turn the router on by sliding the ON/OFF/CHARGER switch to **ON**.

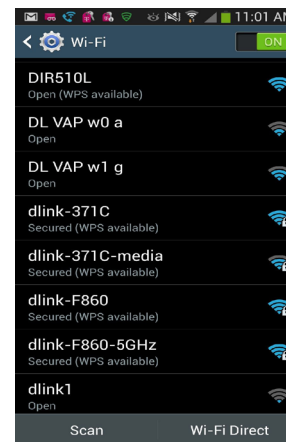
***Note:** The battery LED will be solid green when the battery is at 80% capacity or higher.



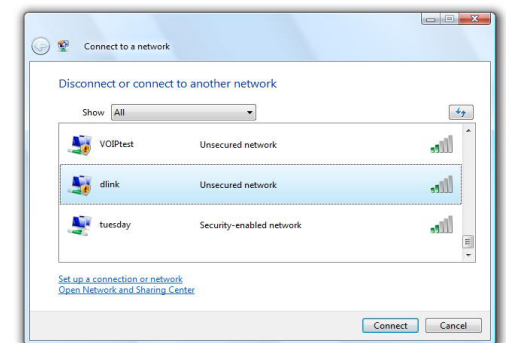
- From your wireless computer or mobile device, connect to the DIR-510L. Use the following settings:

- 2.4GHz Wi-Fi Network Name (SSID): **DIR510L**
- 5Hz Wi-Fi Network Name (SSID): **DIR510L_5GHz**
- Password: blank by default

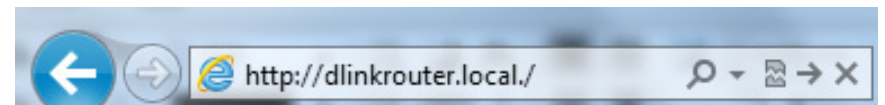
Mobile



Desktop

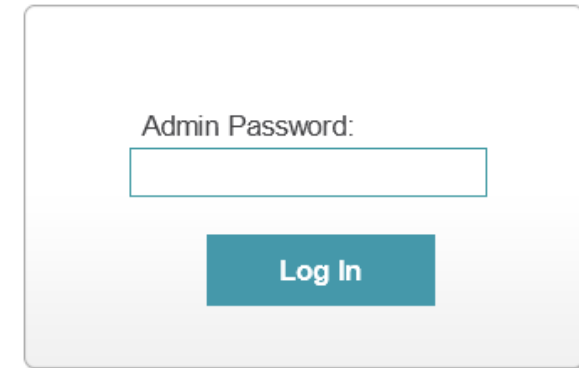


- Open a web browser (e.g., Internet Explorer) on your mobile device or computer. You can enter **http://dlinkrouter.local/** or **http://192.168.0.1** in the address bar. XP users should enter **http://dlinkrouter**.





Note: If you have a device that supports Wi-Fi Protected Setup, please refer to "WPS Button" on page 107.

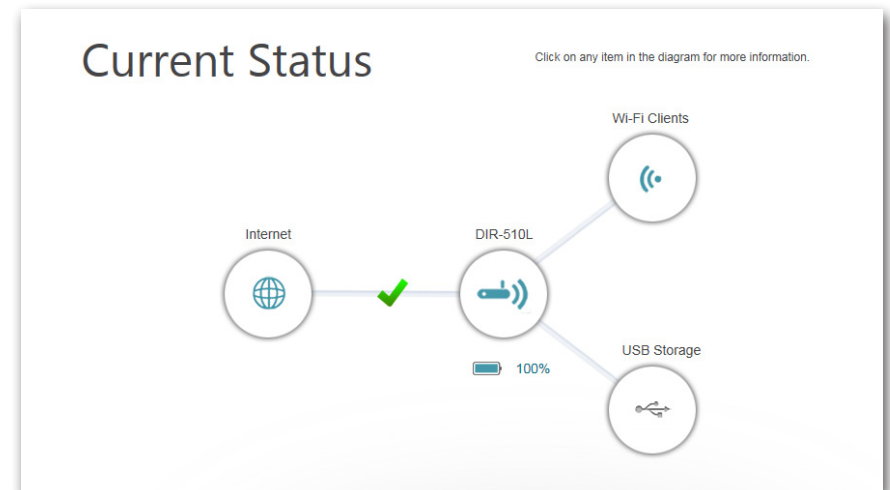
- At the login screen , leave the **Admin Password** blank. Click or tap **Log In**.





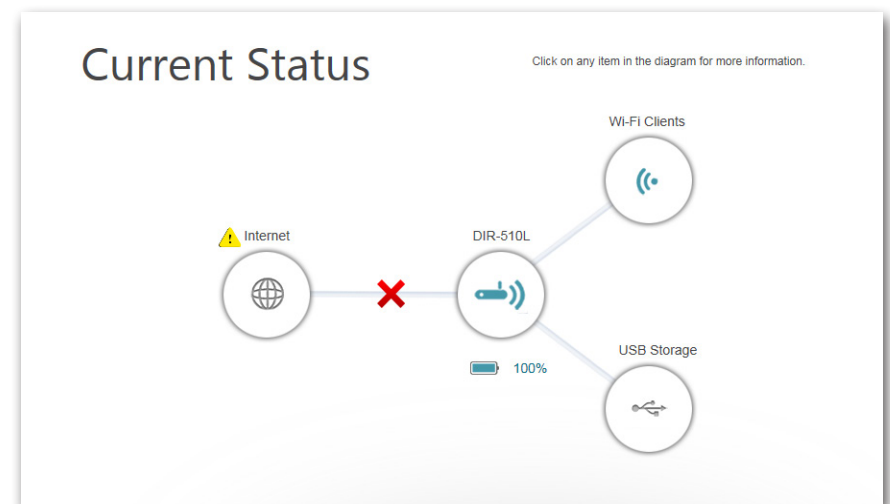
Admin Password:

Log In

- After logging in, you will see the *Current Status* page. If the Internet icon  is blue and there is a  check mark, you are already connected to the Internet and the device is ready for use!

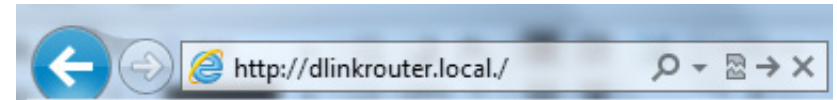


- If the Internet icon  is grey and there is an  icon, refer to :
 - [“xDSL Broadband \(PPPoE\)” on page 30](#) if you are using an xDSL modem.
 - [“3G/4G Wireless USB” on page 31](#) if you are using a 3G/4G USB adapter.
 - [“Wi-Fi Hotspot Client” on page 32](#) if you are connecting to a Wi-Fi hotspot.



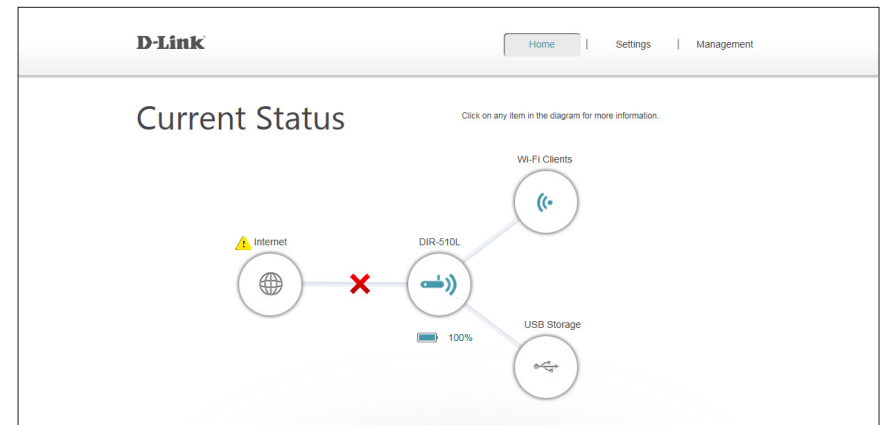
Configuration Utility

- To access the DIR-510L's Configuration Utility, open a web-browser and enter **http://dlinkrouter.local/** or **http://192.168.0.1** in the address bar. XP users should enter **http://dlink router**.
- If you did not create a **Password** for the Admin account, leave it blank by default.
- Click **Log In**.

A screenshot of the login page for the D-Link Configuration Utility. It features a light gray background with a white rectangular box in the center. Inside the box, the text "Admin Password:" is displayed above a single-line text input field. Below the input field is a blue rectangular button with the white text "Log In".



The router's *Home* page will open. You can check on the *Current Status* of the DIR-510L, or start a wizard. Refer to ["Home" on page 17](#) for details.



The navigation bar at the top of the page provides quick access to **Settings** and **Management** functions.

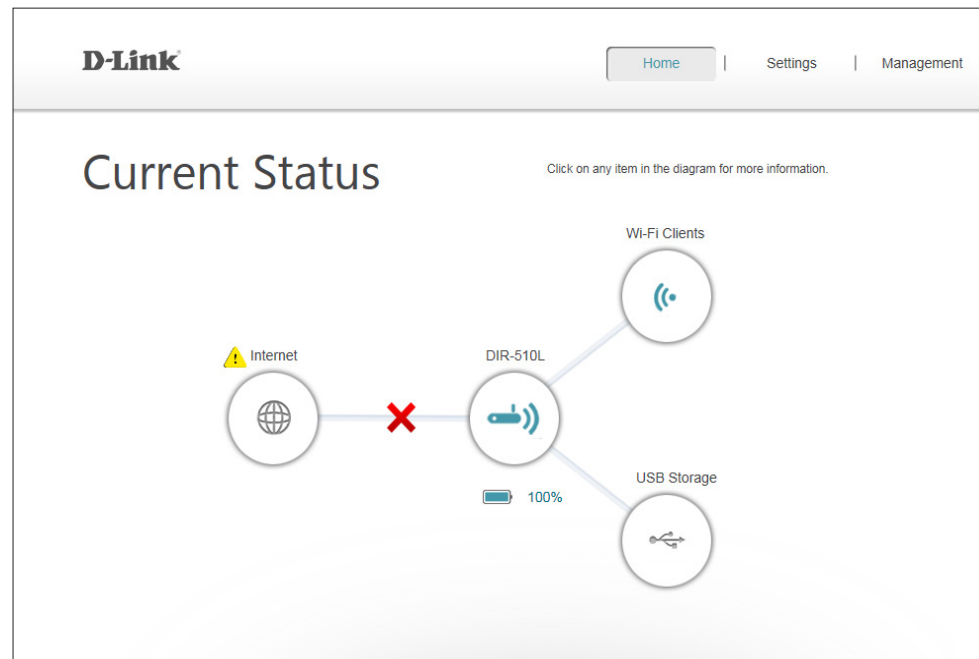


Home

The *Home* page will display a diagram with icons indicating the statuses of various functions and connections.

- Click on an icon with an  next to it will start a wizard for that function.
- Click on the  to configure your Internet connection.

If the link to the Internet shows , this means your router has been assigned an uplink IP but does not have Internet access. You will need to contact your service provider. If the link is showing a , it means you are connected to the Internet.



Internet: The *Internet* icon indicates the status of the Internet connection to the router. When it is grey, there is no connection. It will become blue when a connection is established.

DIR-510L: The *DIR-510L* icon indicates the status of the Wi-Fi security on the router. If it is unsecured, it will be grey. The icon will be blue if your Wi-Fi network name (SSID) and password have been set.

Wi-Fi Clients: The *Wi-Fi Clients* icon indicates when clients are connected to the router via Wi-Fi. It will be blue when there are active connections.

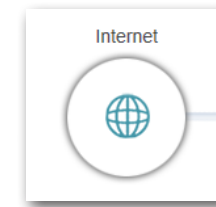
USB Storage: The USB icon will be blue if you have connected a USB storage device to the router.

Internet Connection

If you connected the DIR-510L to a cable modem using an Ethernet cable, your Internet should be connected and ready for use. The *Internet* icon will be blue and the connection will have a check mark ✓.

If you have connected the DIR-510L to an xDSL modem with an Ethernet cable but can not access the Internet:

- Click on the **Internet** icon to start the wizard.
- Enter the **Username** and **Password** provided by your ISP (Internet Service Provider).
- Click **Save**.



×

The PPPoE user name or password is incorrect.

xDSL Broadband(PPPoE)

Username:

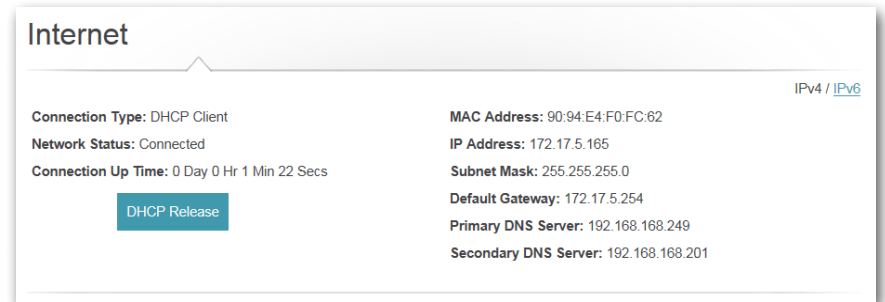
Password:

Save

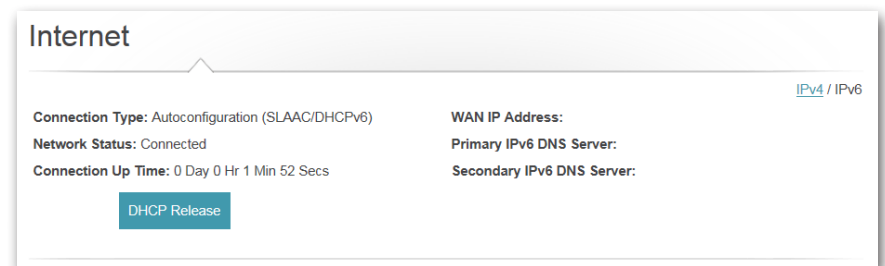
Once you are connected:

- Click on the **Internet** icon to display the IPv4 network details. You can view the IPv6 details by clicking the **IPv6** link at the top right.

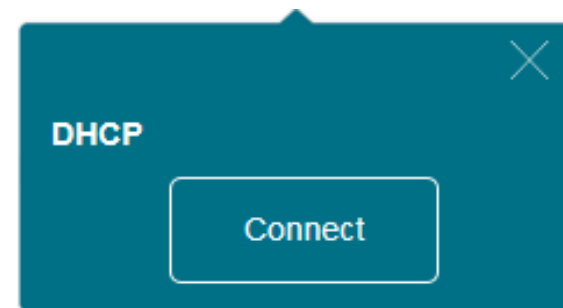
Note: This information will be saved as an xDSL Broadband (PPPoE) Internet Profile for future use.



- Click **DHCP Release** to disconnect from the Internet.



- To reconnect to the Internet, you may click the **Internet** icon and then click **Connect** in the pop-up dialog to enable DHCP.



3G/4G Mobile Broadband

You can connect a compatible 3G/4G USB adapter to the USB port on the DIR-510L to access the Internet. Depending on your mobile service provider, you may be required to provide input for optional fields. Contact your mobile service provider for the required information.

PIN code (optional): Enter the 4-digit **PIN** (Personal Identification Number) for your SIM card.

- Click **Save** to store the settings.

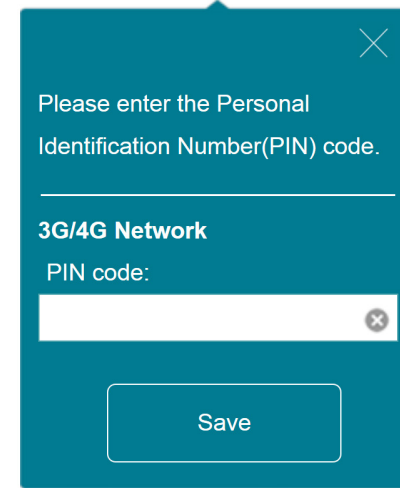
APN: Enter your service provider's **APN** (Access Point Name).

Dial-up Number (optional): Enter the **Dial-up Number** required by your service provider.

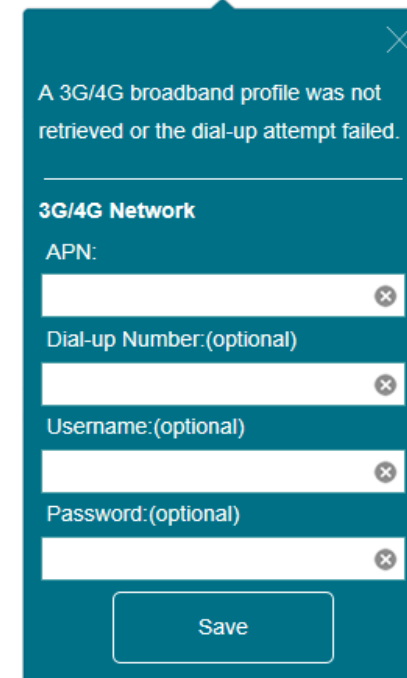
Username (optional): Enter the **Username** provided by your service provider.

Password (optional): Enter the **Password** provided by your service provider.

- Click **Save** to store the settings.



A screenshot of a teal-colored dialog box titled "3G/4G Network". It contains a text input field labeled "PIN code:" with a small 'x' icon on the right. Below the field is a "Save" button. At the top right of the dialog is a close button (an 'x' icon).



A screenshot of a teal-colored dialog box titled "3G/4G Network". It displays an error message: "A 3G/4G broadband profile was not retrieved or the dial-up attempt failed." Below the message are four text input fields labeled "APN:", "Dial-up Number: (optional)", "Username: (optional)", and "Password: (optional)", each with a small 'x' icon on the right. At the bottom is a "Save" button. At the top right of the dialog is a close button (an 'x' icon).

When you are connected to the Internet via mobile broadband, the *Internet* icon should be blue and the link will have a green check mark ✓.

Clicking on the **Internet** icon will display the 3G/4G network details.

Connection Type: Displays whether it is a 3G/4G network.

Operator: Displays the country name and service provider.

Network Status: Displays the status of the connection to the 3G/4G network.

Connection Up Time: Displays the number of days, hours, minutes, and seconds the router has been connected to the 3G/4G network.

MAC Address: Displays the *MAC Address* of the 3G/4G adapter.

IP Address: Displays the *IP Address* provided to the router.

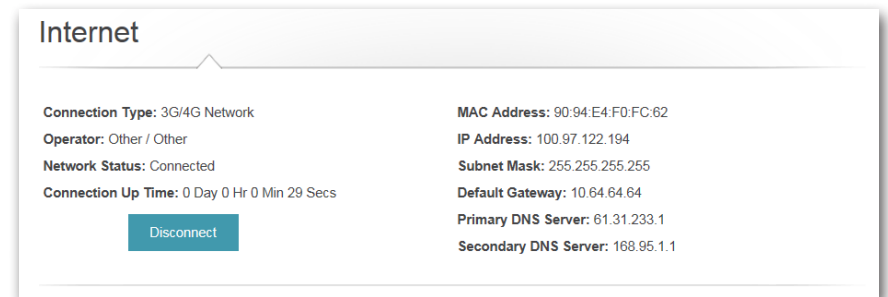
Subnet Mask: Displays the *Subnet Mask* of the 3G/ 4G network.

Default Gateway: Displays the *Default Gateway* of the 3G/4G network.


Primary DNS Server: Displays the *Primary DNS Server* of the 3G/4G network.

Secondary DNS Server: Displays the *Secondary DNS Server* of the 3G/4G network.

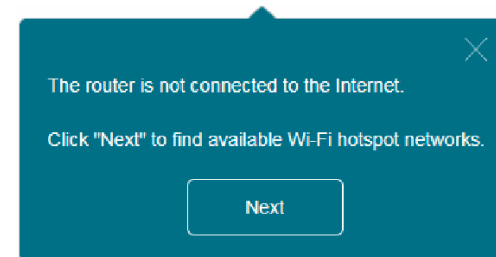
Click on the **Disconnect** button to drop the 3G/4G connection.



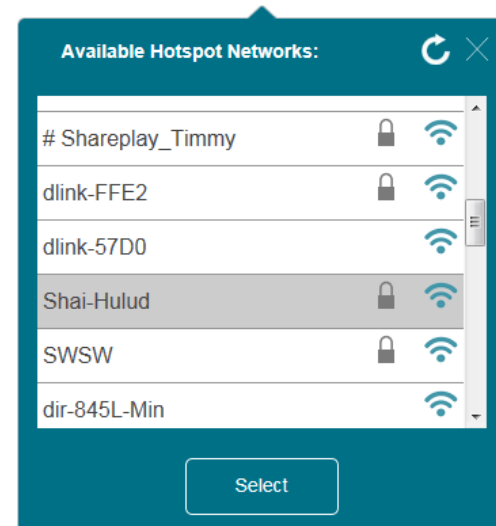
Wi-Fi Hotspot

On the *Home* page, when you wish to connect to the Internet using a Wi-Fi hotspot, there will be a  next to the Internet icon. Click the icon to start the wizard.

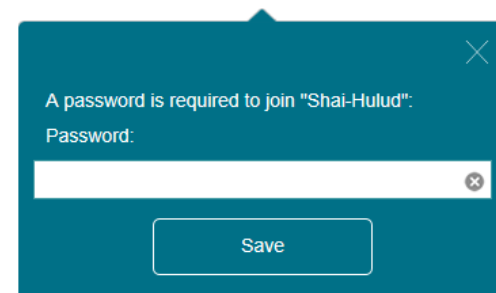
- You will see a pop-up window that says *The router is not connected...* Click **Next** to scan for an available Wi-Fi network.



- Locate the **Hotspot Network** you would like to connect to and click **Select**.



- You will be required to enter a **Password** if there is a lock icon next to that network. Enter the **Password** and click **Save**.
- Wait while the router connects to the network.



When you are connected, the *Internet* icon in the Current Status diagram will be blue, and the diagram will show a green check mark ✓ when the connection is established. You can click on the *Internet* icon to see details of the connection.

Connection Type: Displays *Hotspot Client* when it is a hotspot network connection.

Network Status: Displays the status of the connection to the hotspot network.

Hotspot Name (SSID): Displays the SSID or the name of the hotspot network.

Password: Displays the *Password* of the hotspot network.

Connection Up Time: Displays the number of days, hours, minutes, and seconds the router has been connected to the hotspot network.

MAC Address: Displays the *MAC Address* of the hotspot router.

IP Address: Displays the *IP Address* provided to the router.

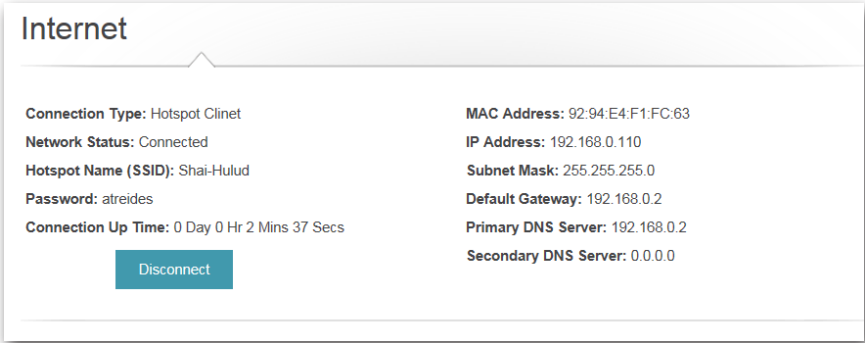
Subnet Mask: Displays the *Subnet Mask* of the hotspot network.

Default Gateway: Displays the *Default Gateway* of the hotspot network.

Primary DNS Server: Displays the *Primary DNS Server* of the hotspot network.

Secondary DNS Server: Displays the *Secondary DNS Server* of the hotspot network.


Click on the **Disconnect** button to drop the connection from this network.

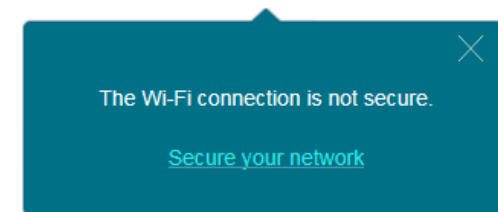


Note: These connection details will be saved as a *Wi-Fi Hotspot* under *Internet Profiles* to allow automatic connections to this network in the future. For more information, please refer to “*Internet Profiles*” on page 28.

Router

On the *Home* page, you can secure your wireless network. To secure your network, you may customize your Wi-Fi Network Name (SSID) and Password by clicking on the **DIR-510L** icon. You may choose different network settings for the 2.4 GHz and 5GHz bands.

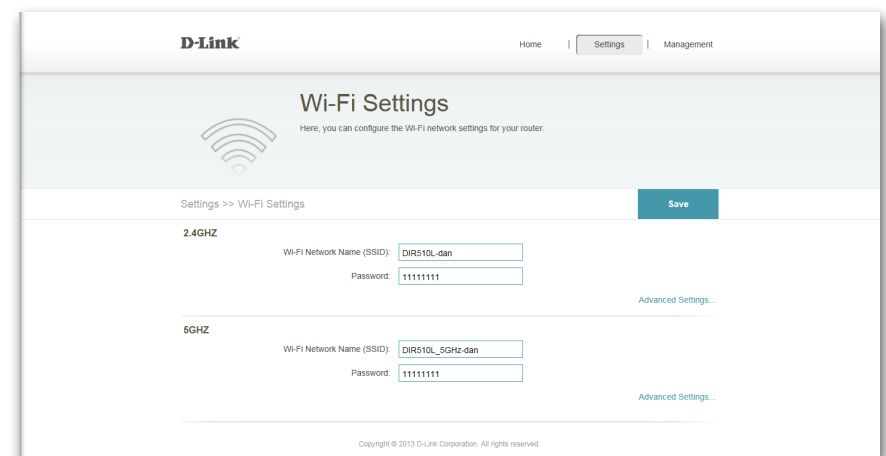
- Click on the **DIR-510L** router icon with the  next to it to start the wizard.
- Click **Secure your network** in the pop-up window.



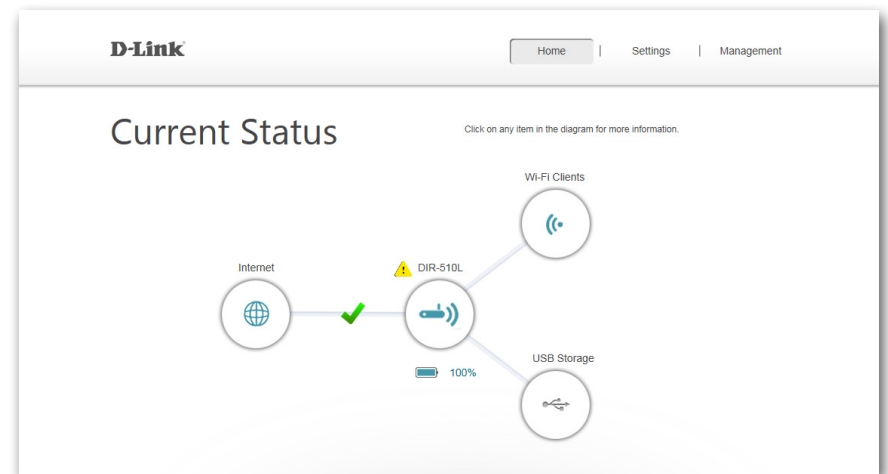
- On the *Wi-Fi Settings* page, enter the **Wi-Fi Network Name** (SSID) and **Password** for both the 2.4 GHz and 5GHz bands.

Note: Enter a password with a minimum of eight characters.

- Click **Save**. The settings will take effect and you will be disconnected from the network.



Note: The  will no longer be displayed next to the DIR-510L router icon on the Home page.



- Clicking on the **DIR-510L** router icon will now display *Network, Wi-Fi, and Guest Zone* information.
- Clicking on the links will take you to their respective pages under **Settings** where you can configure advanced settings.

DIR-510L

Hardware Version: A1 Firmware Version: 1.00

IPv4 / [IPv6](#)

Network Router IP Address: 192.168.100.1 MAC Address: 00:50:18:01:40:02 Subnet Mask: 255.255.255.0	Wi-Fi 2.4GHZ Wi-Fi Name (SSID): DIR510L-dan Password: 22222222	Guest Zone 2.4GHZ Status: Disabled Wi-Fi Name (SSID): DIR510L_guest Password: "None"
	Wi-Fi 5GHZ Wi-Fi Name (SSID): DIR510L_5GHz-d... Password: 22222222	Guest Zone 5GHZ Status: Disabled Wi-Fi Name (SSID): DIR510L_guest_... Password: "None"

For *Network*, refer to “[Network \(LAN\)](#)” on page 36.

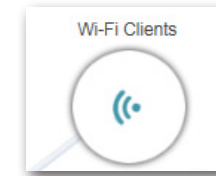
For *Wi-Fi*, refer to “[Wi-Fi](#)” on page 34.

For *Guest Zone*, refer to “[Guest Zone](#)” on page 41.

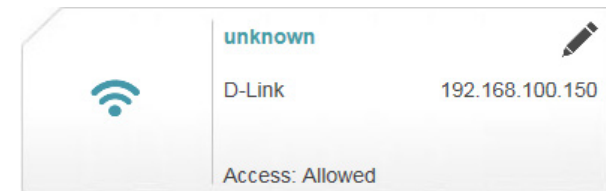
Wi-Fi Clients

On the *Home* page, the *Wi-Fi Clients* icon will be blue when there are active connections. Click on the icon to see a list of all devices connected to your Wi-Fi network on both the 2.4 GHz and 5 GHz bands.

- Click on the **Wi-Fi Clients** icon to access details about connected Wi-Fi clients.



- You will see a box for each device that will display its *Connection Status*, *Name*, *Vendor*, *IP Address*, and *Access Status*.
- To edit the settings for each device, click on the **Pencil** icon to open a new window.



Name: Enter a custom **Name** for this client.

Vendor: Displays the *Vendor* of the device.

IP Address: Enter a specific **IP Address** for this client.

Reserved IP: Select **Enable** to reserve this IP address for this client.

Access: Select **Allowed** to allow access, or **Block** to deny access to the router.

- Click **Save** when you are done.

Name: Daniels-iPad
Vendor: Apple
IP Address: 192.168.100.134
Reserved IP: ☐ Disabled
Access: ☒ Allowed
Save

USB Storage

From the *Home* page, you can tell when you have a USB drive attached to the DIR-510L. The *USB Storage* icon will be blue. Click on the icon to view the storage details.

- Click on the **USB Storage** icon to access storage details.



USB1/USB2

Available Space: Displays the amount of free space on the USB storage.

Total: Displays the total capacity of the USB storage.

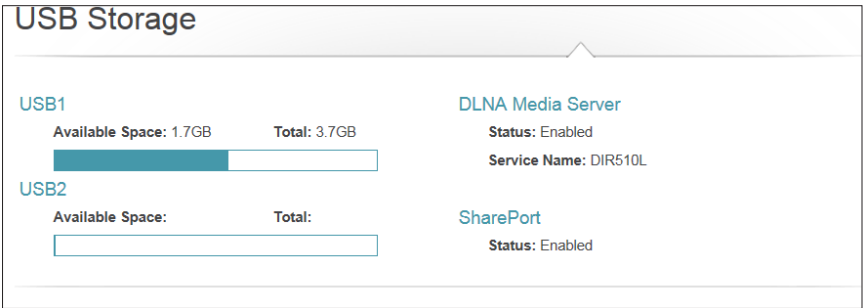
DLNA MEDIA SERVER

Status: Displays whether DLNA is *Enabled* or *Disabled*.

Service Name: Displays the *Name* of the DLNA server as it appears to other devices on the network.

SHAREPORT

Status: Displays if SharePort is *Enabled* or *Disabled*.

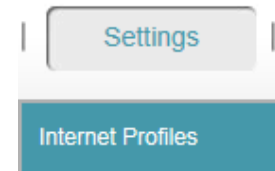


For more information on DLNA and SharePort settings, refer to ["SharePort" on page 38](#).

Settings

Internet Profiles

Internet Profiles are networks you want the device to remember and reconnect to in the future. Profiles are created automatically the first time you connect to a particular network. The *Profile List* displays all of the saved profiles. You may add, edit, and delete profiles on this list.



To Add a profile:

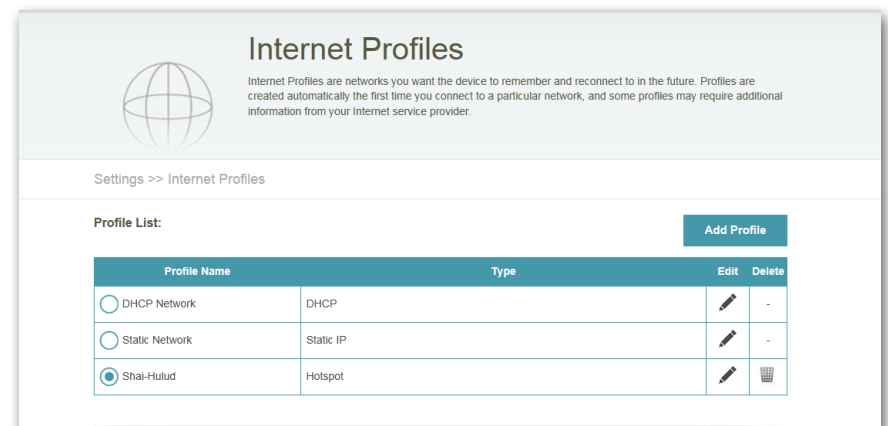
- Click **Add Profile**.
- On the next screen, select a **Connection Type** from the drop down menu.
- Fill in the required information under the connection type. If required, click on **Advanced Settings...** to fill in details required by the ISP.
- Click **Save** to store the profile.

To **Edit** a profile:

- Click on the **pencil** icon next to the profile you want to edit.

To **Delete** a profile:

- Click on the **trash** icon next to the profile you want to delete.



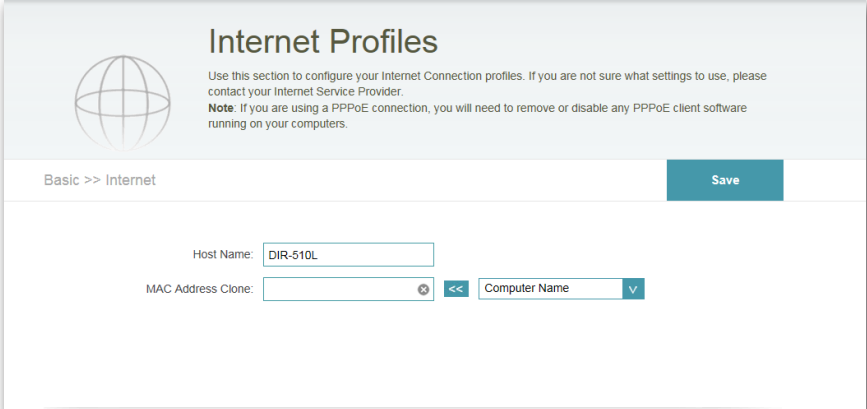
DHCP

Depending on your *Connection Type* and your service provider, you may be able to select the default **DHCP** (Dynamic Host Configuration Protocol) profile. This will allow your DIR-510L to automatically obtain IP address information and connect to the Internet.

Host Name: Enter the name of your host.

MAC Address Clone: Type in the **MAC Address** or select the client from the drop-down menu and click <<.

Click **Save** to save your settings.



Internet Profiles

Use this section to configure your Internet Connection profiles. If you are not sure what settings to use, please contact your Internet Service Provider.

Note: If you are using a PPPoE connection, you will need to remove or disable any PPPoE client software running on your computers.

Basic >> Internet Save

Host Name:

MAC Address Clone: << Computer Name v

xDSL Broadband (PPPoE)

Depending on your ISP (Internet Service Provider), you may need to configure the PPPoE settings in order to connect to the Internet. You may need to request a PPPoE user name and password so you can create an *xDSL Broadband (PPoE)* profile.

My Internet Connection is: Select **xDSL Broadband (PPPoE)** from the drop-down list.

Profile Name: Enter a custom **Name** for this profile.

Username: Enter the **Username** assigned by your ISP.

Password: Enter the **Password** assigned by your ISP.

ADVANCED SETTINGS

Address Mode: Select **Static IP** if your ISP assigned you the IP address, Subnet Mask, gateway, and DNS Server addresses. Otherwise, select **Dynamic**.

Service Name: Enter the ISP **Service Name** (optional).

Reconnect Mode: Select either **Always-on**, **On-Demand**, or **Manual**.

Primary DNS Address: Enter the **Primary DNS** Server **Address**.

Secondary DNS Address: Enter the **Secondary DNS** Server **Address**.

MTU: Maximum Transmission Unit - you may need to change the **MTU** for optimal performance with your specific ISP. 1492 is the default MTU.

Click **Save** to save your settings.

Note: If you are using a PPPoE connection, you will need to remove or disable any PPPoE client software running on your computers.

3G/4G Wireless USB

Depending on the service provider for your 3G/4G wireless service, you may need to configure the 3G/4G settings in order to connect to the Internet. You may need to contact your ISP for this information so you can create a *3G/4G Wireless USB* profile.

My Internet Connection Is: Select **3G/4G Wireless USB** from the drop-down list.

Profile Name: Enter a custom **Name** for this profile.

Dial-up Number: Enter your service provider's **Dial-up Number**.

APN: Enter the Access Point Name assigned by your ISP.

ADVANCED SETTINGS

Country: Select the **Country** of your service provider.

ISP: Select your service provider from the drop-down menu.

Username: Enter the **Username** assigned by your service provider.

Password: Enter the **Password** assigned by your service provider.

Authentication Protocol: Select between **Auto(PAP+CHAP)**, **PAP**, or **CHAP**, depending on your service provider.

SIM Card Status: Displays whether your SIM card is *Locked* or *Unlocked*.

Reconnect Mode: Select between **Always-on**, **On Demand**, or **Manual**.

MTU: Maximum Transmission Unit - you may need to change the **MTU** for optimal performance with your specific ISP. 1500 is the default MTU.

Click **Save** to save your settings.

Wi-Fi Hotspot Client

You may need to configure the settings in order to connect to the Internet using a Wi-Fi hotspot. You may need to contact your hotspot provider for the required information.

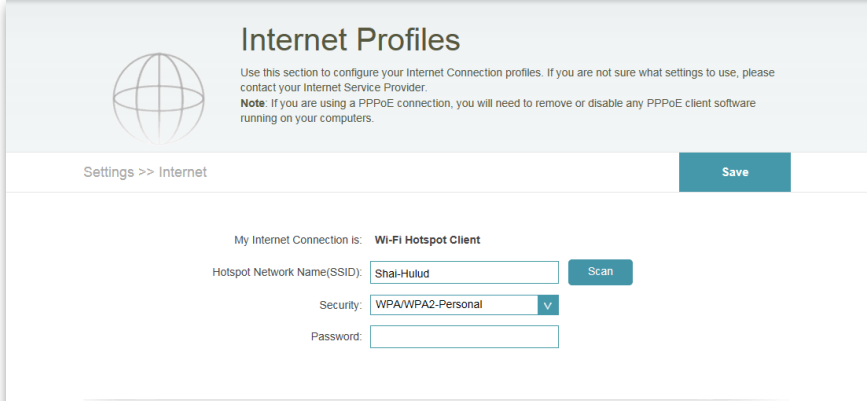
My Internet Connection Is: Select **Wi-Fi Hotspot Client** from the drop-down list.

Hotspot Network Name (SSID): Enter the name of your hotspot or click **Scan** to select one from the list. Refer to [“Wi-Fi Hotspot” on page 22](#) for details.

Security: Select **None**, **WEP**, or **WPA/WPA2-Personal** encryption depending on the security of your hotspot.

Password: Enter the hotspot network **Password**.

Click **Save** to save your settings.



The screenshot shows the 'Internet Profiles' configuration page. At the top, there is a globe icon and the title 'Internet Profiles'. Below the title, a note states: 'Use this section to configure your Internet Connection profiles. If you are not sure what settings to use, please contact your Internet Service Provider. Note: If you are using a PPPoE connection, you will need to remove or disable any PPPoE client software running on your computers.' The page has a breadcrumb trail 'Settings >> Internet' and a 'Save' button. The main configuration area shows 'My Internet Connection is:' set to 'Wi-Fi Hotspot Client'. Below this, there are three fields: 'Hotspot Network Name(SSID)' with the value 'Shah-Hutud' and a 'Scan' button, 'Security' set to 'WPA/WPA2-Personal' with a dropdown arrow, and 'Password' with an empty text box.

Static IP

Depending on your ISP (Internet Service Provider), you may need to configure the *Static IP* settings in order to connect to the Internet. You may need to contact your service provider for this information so you can create a Static IP profile.

My Internet Connection Is: Select **Static IP** from the drop-down list.

IP Address: Enter the **IP Address** assigned by your ISP.

Subnet Mask: Enter the **Subnet Mask** assigned by your ISP.

Default Gateway: Enter the **Gateway** assigned by your ISP.

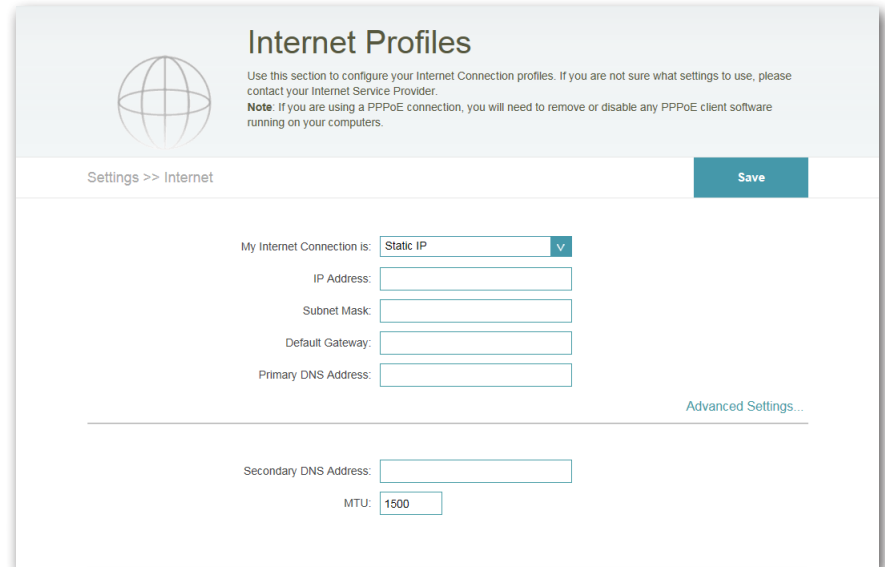
Primary DNS Address: Enter the **Primary DNS Address** assigned by your ISP.

ADVANCED SETTINGS

Secondary DNS Address: Enter the **Secondary DNS Address** assigned by your ISP.

MTU: Maximum Transmission Unit - you may need to change the **MTU** for optimal performance with your specific ISP. 1500 is the default MTU.

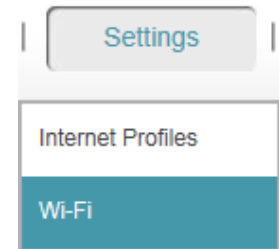
Click **Save** to save your settings.



The screenshot shows the 'Internet Profiles' configuration page. At the top, there is a globe icon and the title 'Internet Profiles'. Below the title, a note states: 'Use this section to configure your Internet Connection profiles. If you are not sure what settings to use, please contact your Internet Service Provider. **Note:** If you are using a PPPoE connection, you will need to remove or disable any PPPoE client software running on your computers.' The page has a breadcrumb trail 'Settings >> Internet' and a 'Save' button. The main configuration area includes a dropdown menu for 'My Internet Connection is:' set to 'Static IP'. Below this are input fields for 'IP Address:', 'Subnet Mask:', 'Default Gateway:', and 'Primary DNS Address:'. A link for 'Advanced Settings...' is located below these fields. At the bottom, there is a 'Secondary DNS Address:' input field and an 'MTU:' dropdown menu set to '1500'.

Wi-Fi

Secure your Wi-Fi network manually and/or access *Advanced Settings*, from the *Wi-Fi Settings* page. Go to **Settings > Wi-Fi**. You can configure the settings for both the 2.4 GHz and 5GHz bands on this page.



2.4GHz

Wi-Fi Network Name (SSID): Enter a custom **Name** for your 2.4GHz network.

Password: Enter a **Password** for your network.

ADVANCED SETTINGS

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

802.11 Mode: Displays the current **802.11 Mode** as described below:
802.11b Only - if all of your wireless clients are 802.11b.
802.11g Only - if all of your wireless clients are 802.11g.
802.11n Only - if all of your wireless clients are 802.11n.
Mixed 802.11g/b - if you are using both 802.11g and 802.11b wireless clients.
Mixed 802.11n/g - if you are using both 802.11n and 802.11g wireless clients.
Mixed 802.11b/g/n - if you are using a mix of 802.11b, 802.11g, and 802.11n wireless clients.

Wi-Fi Channel: You may select a channel setting from the drop-down list to fit an existing wireless network. By default the channel is set to **Auto**.

Transmission Power: Select from **High**, **Medium**, or **Low**.

Channel Width: Select either **Auto 20/40 MHz** or **20 MHz**.

5GHz

Wi-Fi Network Name (SSID): Enter a custom **Name** for your 5GHz network.

Password: Enter a **Password** for your network.

ADVANCED SETTINGS

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

802.11 Mode: **802.11a Only** - Select only if all of your wireless clients are 802.11a.

802.11n Only - Select only if all of your wireless clients are 802.11n.

Mixed 802.11a/n - Select if you are using both 802.11a and 802.11n wireless clients.

Mixed 802.11a/n/ac - Select if you are using a mix of 802.11a, 802.11n, and 802.11ac wireless clients.

Wi-Fi Channel: You may select a channel setting from the drop-down list to fit an existing wireless network. By default the channel is set to **Auto**.

Transmission Power: Select from **High**, **Medium**, or **Low**.

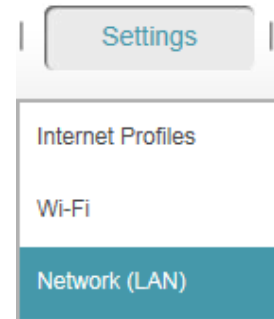
Channel Width: Select between **Auto 20/40/80 MHz**, **Auto 20/40 MHz**, or **20 MHz**.

Click **Save** to save your settings.

The screenshot displays the 5GHz configuration page. At the top, the title '5GHz' is visible. Below it, there are two input fields: 'Wi-Fi Network Name (SSID):' with the value 'DIR510L_5GHz-dan' and 'Password:' with the value '11111111'. To the right of the password field is a link that says 'Advanced Settings...'. Below these fields is a horizontal separator line. Underneath the line, there are seven settings, each with a label and a dropdown menu: 'Security Mode:' set to 'WPA/WPA2-Personal', '802.11 Mode:' set to 'Mixed 802.11a/n/ac', 'Wi-Fi Channel:' set to 'Auto', 'Transmission Power:' set to 'Medium', and 'Channel Width:' set to 'Auto 20/40/80 MHz'. At the bottom of the page, there is a small copyright notice: 'Copyright © 2013 D-Link Corporation. All rights reserved.'

Network (LAN)

You can configure the local *Network Settings* for your router by going to **Settings > Network (LAN)**. From this screen you can also configure the *DHCP Server* settings. Refer to instructions for *DHCP Server* on the next page.



NETWORK SETTINGS

Device IP Address: Enter the **IP Address** of the router. The default IP address is 192.168.0.1.

If you change the IP address, once you click **Save**, you will need to enter the new **IP Address** in your browser to get back into the configuration utility.

Subnet Mask: Enter the **Subnet Mask**. The default subnet mask is 255.255.255.0.

Device Name: Enter a **Device Name** for the router.

Local Domain Name: Enter the **Domain Name** (Optional).

Enable DNS Relay: If you select **Enabled**, your computers will use the router for a DNS server. Disable DNS Relay to transfer the DNS server information from your ISP to your computers.

Click **Save** to save your settings.

A screenshot of the 'Network' configuration page. At the top, there's a header with a network cable icon and the title 'Network'. Below the title is a brief instruction: 'Here, you can configure the local network settings for your router, including the IP address you use to access this configuration interface. Please note that if you change this IP address, you will need to use the new IP to access this interface.' Below this is a breadcrumb 'Settings >> Network' and a 'Save' button. The main section is titled 'Network Settings' and contains several input fields: 'Device IP Address' (192.168.100.1), 'Subnet Mask' (255.255.255.0), 'Device Name' (http:// dlinkrouter .local), 'Local Domain Name' (empty), and 'Enable DNS Relay' (a toggle switch set to 'Enabled').

DHCP SERVER

Status: Slide to **Enable** or **Disable** the DHCP server function.

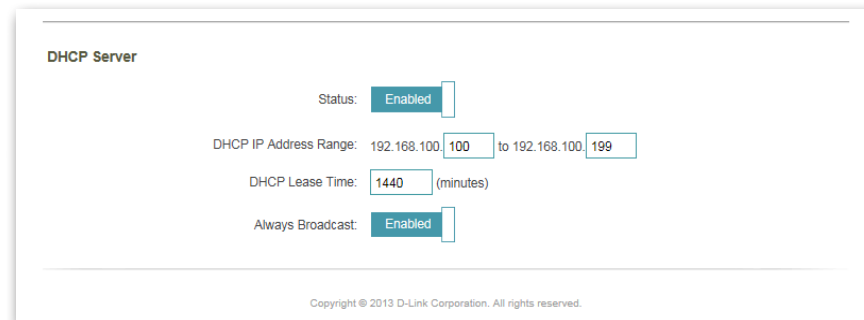
DHCP IP Address Range: Enter the starting and ending IP addresses for the DHCP server's IP assignment.

Note: *If you statically (manually) assign IP addresses to your computers or devices, make sure the IP addresses are outside of this range or you may have an IP conflict.*

DHCP Lease Time: The length of time (in minutes) for the IP address lease.

Always Broadcast: **Enable** this feature to broadcast your network's DHCP server to LAN/WLAN clients.

Click **Save** to save your settings.



The screenshot shows the 'DHCP Server' configuration page. It includes the following settings:

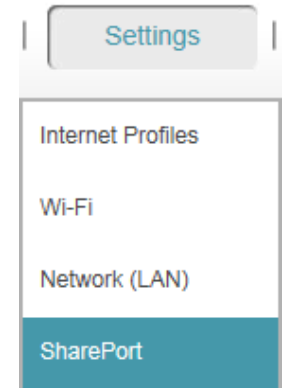
- Status:** A toggle switch set to 'Enabled'.
- DHCP IP Address Range:** Two input fields showing '192.168.100.100' and '192.168.100.199'.
- DHCP Lease Time:** An input field showing '1440' with '(minutes)' next to it.
- Always Broadcast:** A toggle switch set to 'Enabled'.

At the bottom, there is a copyright notice: 'Copyright © 2013 D-Link Corporation. All rights reserved.'

SharePort

You can configure the various storage sharing features of your router by going to **Settings** > **SharePort**. The DLNA (Digital Living Network Alliance) server allows you to stream stored pictures, music, and video to another DLNA-compatible device on your network. SharePort Web Access allows you to use a web browser to access stored files from a PC connected to your network.

Stream your music, photos and video wirelessly from a USB drive to your mobile devices using the free mydlink Shareport app. Refer to ["Sharing Files Using mydlink SharePort"](#) on page 49.



DLNA MEDIA SERVER

Status: Slide to **Enable** or **Disable** the DLNA Media Server function.

DLNA Media Server Name: Enter a **name** for the DLNA Media Server.

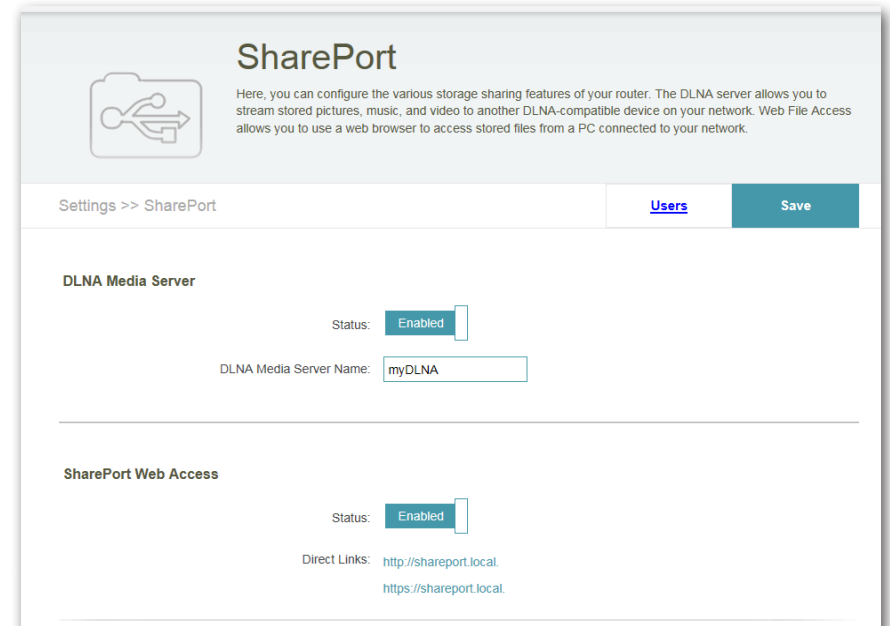
SHAREPORT WEB ACCESS

Status: Slide to **Enable** or **Disable** the SharePort Web Access function.

Direct Links: Click on the first link to reach your SharePort page using HTTP protocol.

Click on the second link to reach your SharePort page using HTTPS (secure) protocol.

Click **Save** to save your settings.



You can manage your SharePort user accounts and set permissions. From **Settings > SharePort**, click on the *User* link, next to the *Save* button. You will see the *User List*, which displays a user number, *Username*, *Access Path*, and *Permission* for each user.

USERS

- To Edit a user, click on the **pencil** icon.
- To Delete a user, click on the **trash** icon.
- To Create a user, click on **Create a New User +**.

A window with the following fields will appear:

Username: Enter a **Username** for the new user.

Password: Enter a **Password** for the new user.

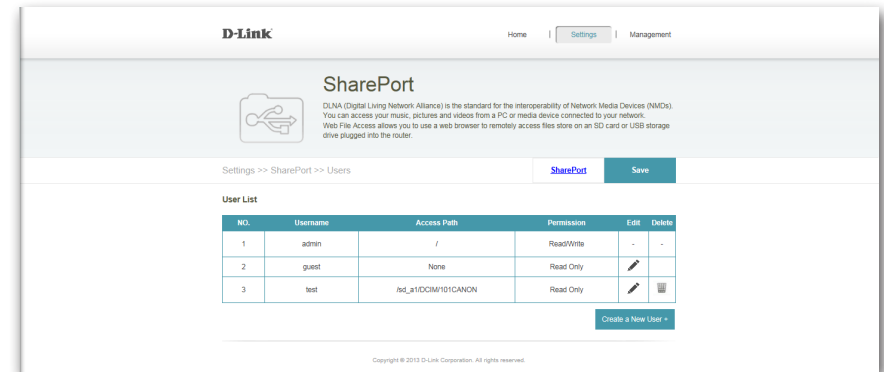
Permissions: Select **Read Only** or **Read/Write** privileges from the drop-down menu.

Folder: Click **Browse** to select a folder that you want this user to be able to access. You can browse to lower directories by clicking on the rightward-facing arrow.

Click on the folder name to add it. Then, click **Append**.

If you want to add multiple sub-directories, repeat the steps above.

Click **Save** to save your settings for the new user.



Create a New User

Username:

Password:

Permissions:

Read Only

Folder:

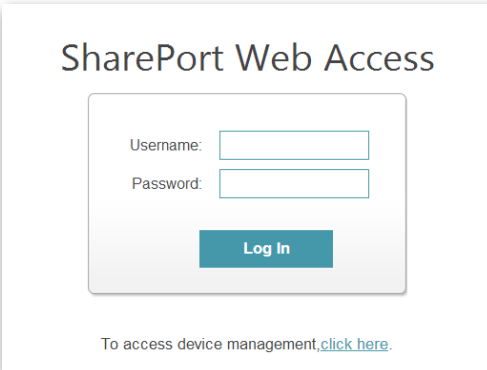
Browse

Append

Save

You can now log in to *SharePort Web Access* using any of the user accounts you created. Enter **http://shareport.local.** into the address bar of your web browser. The *Log In* screen will open.

Enter **Username** and **Password** and click **Log In**.

The image shows a web browser window displaying the 'SharePort Web Access' login page. The page has a white background with a light gray border. At the top, the title 'SharePort Web Access' is centered. Below the title is a white rectangular box containing the login form. Inside this box, there are two labels: 'Username:' and 'Password:', each followed by a text input field. Below these fields is a blue rectangular button with the text 'Log In' in white. At the bottom of the page, below the login box, is a line of text: 'To access device management, [click here](#).'

SharePort Web Access

Username:

Password:

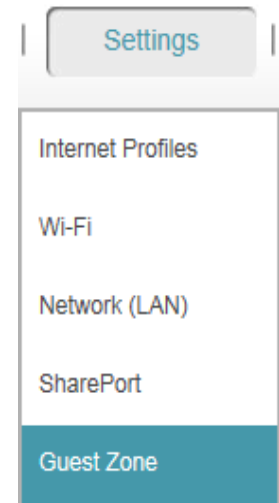
Log In

To access device management, [click here](#).

Guest Zone

You can create a Wi-Fi Guest Zone to share Internet access with your guests on a separate Wi-Fi network by going to **Settings > Guest Zone**. After you create a Guest Zone, you can block guests from accessing devices on your home network.

Note: You may set up access for guests on both the 2.4GHz and 5GHz networks.



Status: **Enable** or **Disable** the Guest Zone feature.

Guest Zone Wi-Fi Name (SSID): Enter a *Guest Zone* wireless network **Name**.

Password: Enter a **Password** for your Guest Zone.

Allow Local Access: **Enable** or **Disable** this feature to allow or block guests from accessing devices and files on your wireless network.

Click **Save** to save your settings.

 The screenshot shows the 'Guest Zone' configuration page. At the top, there's a header with two person icons and the title 'Guest Zone'. Below the title is a descriptive paragraph: 'This page lets you configure a Wi-Fi Guest Zone, which lets you share Internet access with guests on a separate Wi-Fi network. Guests will be prevented from accessing devices on your home network unless Allow Local Access is enabled.' Below this is a breadcrumb 'Settings >> Guest Zone' and a 'Save' button. The page is divided into two sections: '2.4GHZ' and '5GHZ'. Each section has a 'Status' dropdown (both set to 'Disabled'), a 'Guest Zone Wi-Fi Name (SSID)' text field (with 'DIR510L_guest' for 2.4GHZ and 'DIR510L_guest_5GHz' for 5GHZ), a 'Password' text field, and an 'Allow Local Access' dropdown (both set to 'Disabled').

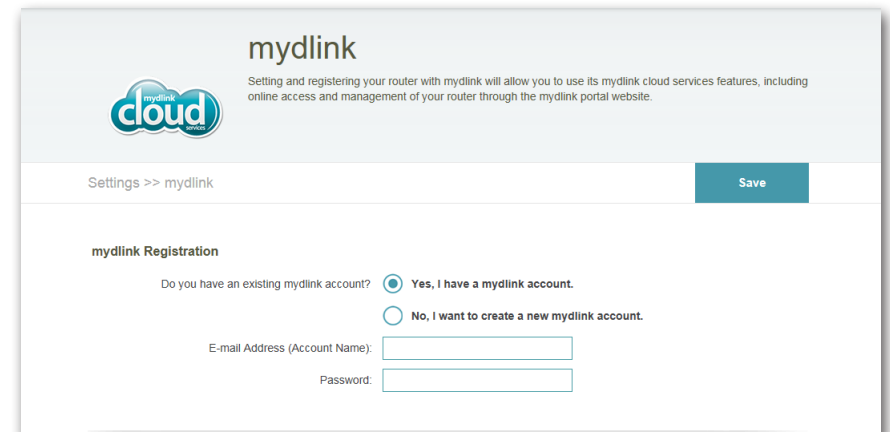
mydlink

Setting up a user account and registering your router with mydlink™ will allow you to use mydlink Cloud Services, including online access and management of your router through the mydlink portal website. Go to **Settings** > **mydlink** to get started.



If you have an existing account:

- Select **Yes, I have a mydlink account.**
- Log in with the **E-mail address** and **Password** that you used to create the account.
- Click the **Save** button.



mydlink

Setting and registering your router with mydlink will allow you to use its mydlink cloud services features, including online access and management of your router through the mydlink portal website.

Settings >> mydlink Save

mydlink Registration

Do you have an existing mydlink account? ☒ Yes, I have a mydlink account. ☐ No, I want to create a new mydlink account.

E-mail Address (Account Name):

Password:

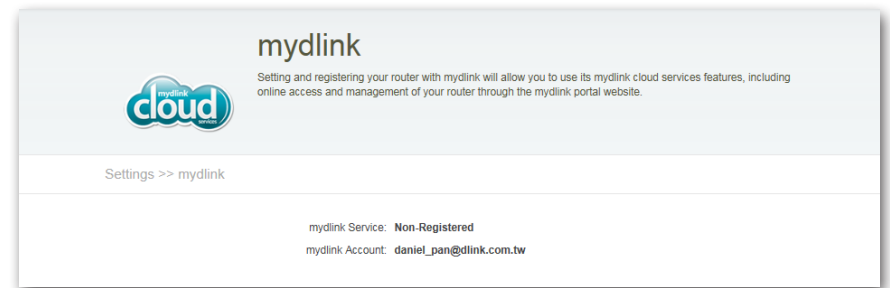
If you do not have an account:

- Select **No, I want to create a new mydlink account.**
- Fill in the required fields.
- Read the *Terms and Conditions*, and check the box indicating **I accept the mydlink terms and conditions.**
- Click the **Sign Up** button.

Note: If you have not set an Admin Password, you will be required to do so now.

Enter an **Admin Password** and click **Save**.

When you navigate to **Settings > mydlink**, you will see the status of your *mydlink Service (Registered or Non-Registered)* and the *E-mail Address (Account Name)* of your *mydlink Account*.



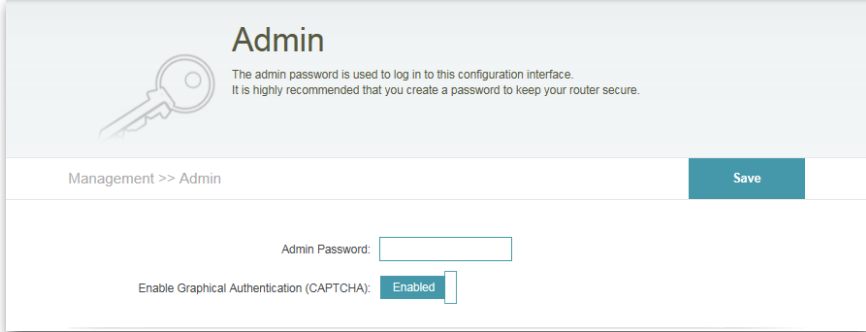
Management Admin

On this page, you can change the admin security settings for logging in to the router configuration interface. It is highly recommended that you create a password with a minimum of six characters to keep your router secure.

Admin Password: Enter a **Password** for administrative access to your router.

Enable Graphical Authentication If you select **Enabled**, you will be required to enter a CAPTCHA along with your password at the log in page.
(CAPTCHA): (CAPTCHA is a type of challenge-response test used to keep unauthorized users from gaining access.)

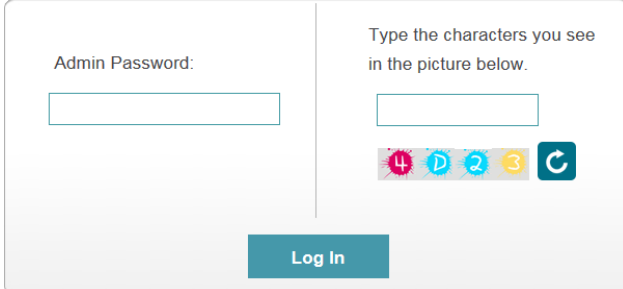
Click **Save** to save your settings.



The screenshot shows the 'Admin' configuration page. At the top, there is a key icon and the title 'Admin'. Below the title, a message states: 'The admin password is used to log in to this configuration interface. It is highly recommended that you create a password to keep your router secure.' The page has a breadcrumb 'Management >> Admin' and a 'Save' button. The 'Admin Password' field is empty. The 'Enable Graphical Authentication (CAPTCHA)' toggle is set to 'Enabled'.

You will need to log back into the configuration interface with the new password. If *CAPTCHA* was enabled, you will be required to enter the 4-digit code as well.

Click **Log In**.



The screenshot shows the 'Log In' page. It has two input fields: 'Admin Password:' and a CAPTCHA field. The CAPTCHA field contains a 4-digit code '4 D 2 3' and a refresh button. Below the fields is a 'Log In' button.

System

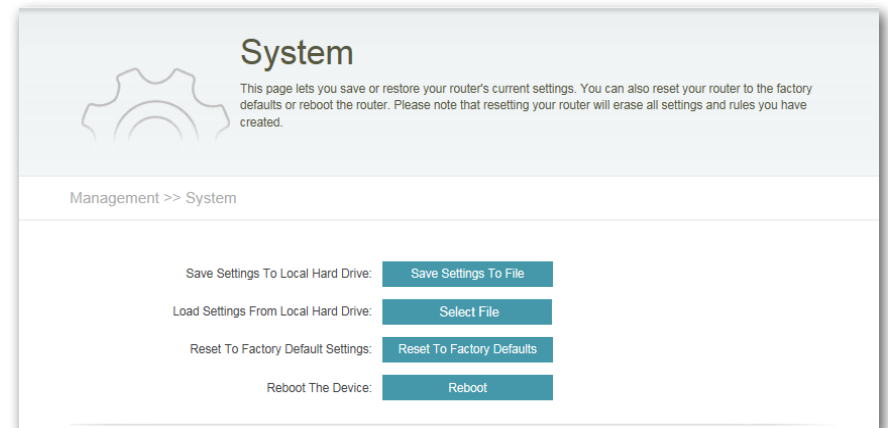
Here, you can save or restore your router's settings. You can also reset your router to the factory default settings. Go to **Management > System** when your router is configured the way you want it, so you can save your router settings to a file.

Save Settings to Local Hard Drive: Select this option to save the current router configuration settings to a file on the hard disk of the computer you are using. First, click the **Save Settings to File** button. A file dialog will appear, allowing you to select a location and file name for the settings.

Load Settings from Local Hard Drive: Select this option to load previously saved router configuration settings. First, click the **Select File** button to find a previously saved file of configuration settings. Then, click the **Restore Settings from File** button to transfer those settings to the router.

Reset to Factory Default Settings: Select this option to restore all configuration settings back to the settings that were in effect at the time the router was shipped from the factory. Any settings that have not been saved will be lost, including any rules that you have created. Clicking **OK** in the window will require you to reconnect to this device using the default SSID and password.

Reboot the Device: Click **Reboot the Device** to reboot the router.



Note: Resetting your router from this page and using the RESET button on your DIR-510L will have the same effect. All settings you created will be erased.

Upgrade

This page displays your *Current Firmware Version* and *Current Language Pack*, and allows you to check for and download new firmware. After downloading the firmware to the local hard drive of your pc, you can then upload the firmware from this page.

FIRMWARE INFORMATION

Current Firmware Version: Displays the *Version* of the installed firmware.

Current Firmware Date: Displays the *Date* of the installed firmware.

Click **Download New Firmware** to retrieve the latest version.

LANGUAGE PACK INFORMATION

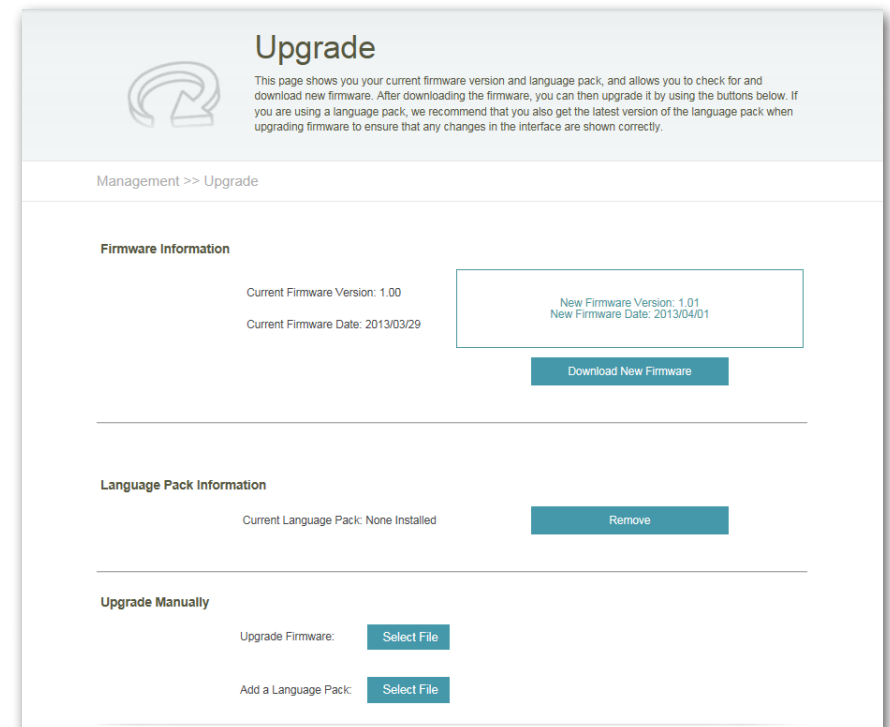
Current Language Pack: Displays the installed *Language Pack*, or says *None Installed*. You can select your language on the login page.

Click **Remove** to uninstall any previously installed language packs.

UPGRADE MANUALLY

Upgrade Firmware: Click **Select File** to open a window and select a downloaded firmware file. Click **Upload** to install it.

Add a Language Pack: Click **Select File** to install a downloaded language pack. Click **Upload** to install it.



Statistics

This page provides statistics about data transmitted and received by your router through the Internet (WAN), on your router's 2.4 GHz and 5 GHz wireless networks, and on your wired network (LAN). The graph displays the real-time upstream and downstream transfer speeds. This page also displays the status of the router's internal battery.

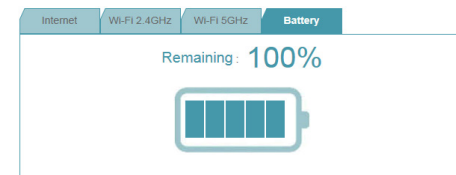
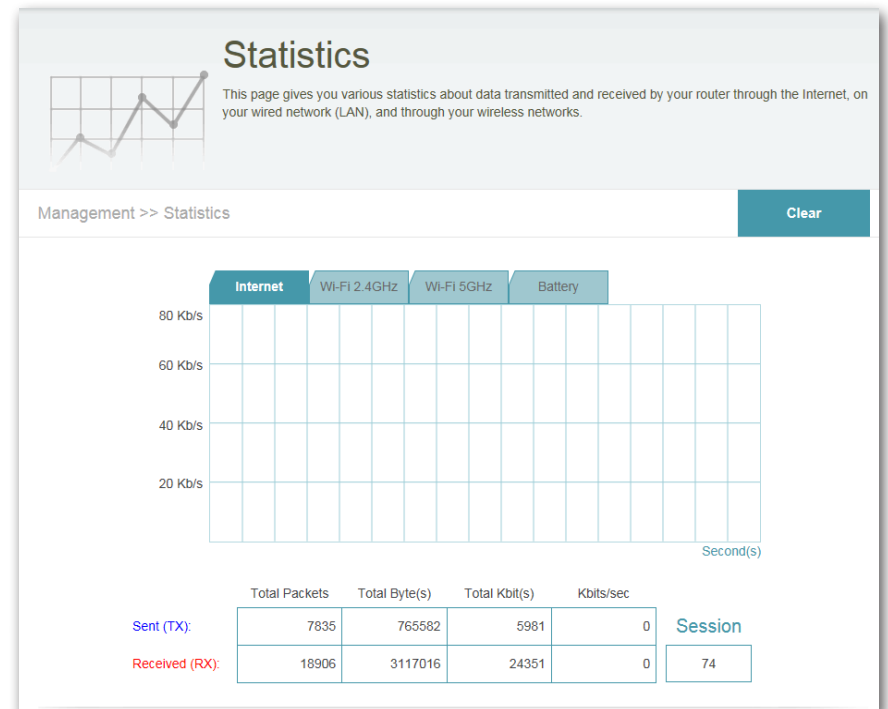
The graph will contain a blue line indicating the upload speeds and a red line indicating the download speeds. The table below the graph displays the following statistics in real-time:

- *Total Packets*
- *Total Byte(s)*
- *Total Kbit(s)*
- *Kbits/sec*
- *Session (Internet only)*

The *Session* field displays the number of active Internet sessions through your router. An Internet session is a conversation between a program or application on a LAN-side computer and a program or application on a WAN-side computer.

Click on the **Battery** tab to view the remaining charge as a percentage.

Click **Clear** to reset the statistics.



Sharing Files Using mydlink SharePort

The mydlink SharePort app allows you to conveniently stream media to your mobile devices and share files stored on a USB drive connected to your router. Connect from a local network or through the Internet to access your photos, videos, music, and documents. SharePort allows you to create your own Personal Cloud, for anytime access to your home network, without the need to upload to a public server first.

The first step toward anywhere, anytime access is to set up a free mydlink account and register your devices at **www.mydlink.com**. Refer to [“mydlink” on page 42](#) for details.

Note: For smooth streaming performance, you will need a minimum of 2 Mbit/s upload bandwidth for your router’s Internet connection. Streaming performance will vary depending on the quality of your Internet connection.

The mydlink SharePort app for iOS Devices

The instructions that follow apply to users of the iPad®, iPhone® and iPod touch®. You may skip to [“The mydlink SharePort app for Android™ Devices” on page 67](#), or refer to [“Using SharePort Mobile for Windows® 8/RT” on page 86](#).

1. Make sure the DIR-510L is powered on. Then plug your USB drive into the USB port of the device.

Note: If you connect a USB drive that contains numerous large files, it may take a while for the router to scan and catalog all of your files.

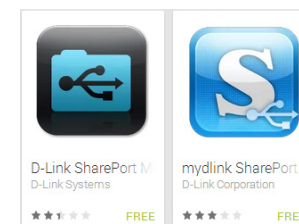


2. Use your iPhone, iPad or iPod touch to search for the free **mydlink SharePort** app from the App Store.

If you have a QR code reader, you can use your iOS device to scan the **QR code** on the right.

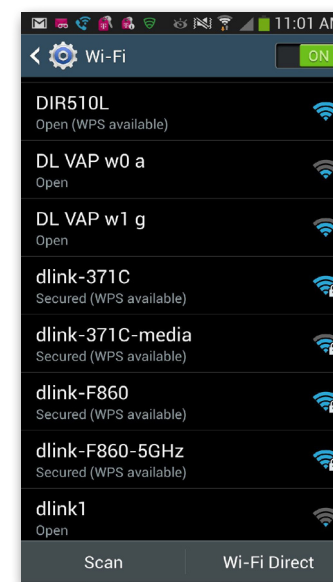


Note: For remote access, you will need the **mydlink SharePort** app. The **SharePort Mobile** app is for local access only.



3. On your mobile device, go to your Wi-Fi settings and connect to your router's wireless network using the default Wi-Fi settings. By default, your *Network Name* and *Password* are:

- Wi-Fi Network Name (SSID): **DIR510L**
- Password: (leave this blank)



4. Once connected, tap the **mydlink SharePort** icon, and the app will load.
5. At the login page, tap to select between a local access or remote access connection. For a complete description of the two types of connections, tap **Help?**

Local Access:

Local mode will connect you to storage on your current network. For example, if you are at home connecting to your router, choose this mode.

Remote Access:

Remote mode will connect you to storage on your router in a different location. For example, you are at your office connecting to your router at home.

If you are directly connected to the DIR-510L's wireless network, tap **Local Access** and enter the **Admin Password** of your router, then tap **Log In**.

If you are connecting through the Internet tap **Remote Access** and enter your mydlink **Account** name and **Password**, then tap **Log In**.



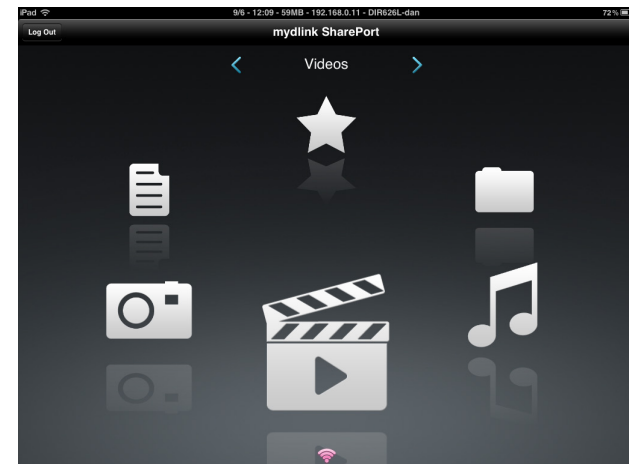
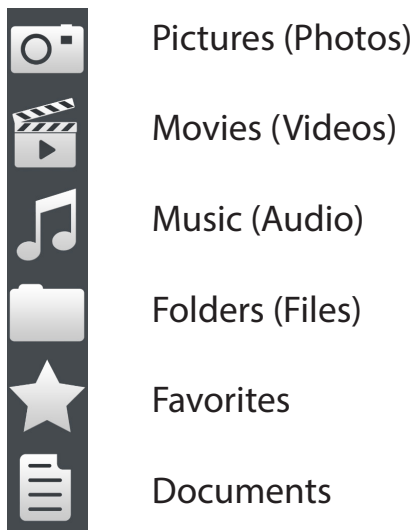
 The screen has a teal header with two tabs: "Local Access" (active) and "Remote Access". Below the tabs, there is a label "Admin Password" followed by a white text input field. At the bottom right, there is a white "Log In" button.

 The screen has a teal header with two tabs: "Local Access" and "Remote Access" (active). Below the tabs, there are two labels: "Account" and "Password". The "Account" label is followed by a white text input field containing "dan@dlink.com". The "Password" label is followed by a white text input field with masked characters (dots). At the bottom right, there is a white "Log In" button.

After logging in, select your router from the device list.



6. You can now use the mydlink SharePort app interface to stream media and access files stored on your USB drive. Tap on the left or right arrows at the top of the screen to cycle through the categories. The name of the selected category appears between the two arrows. Tap the icon at the bottom of the screen to view the files in the selected category. Categories are listed below:

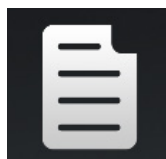


Connection Quality
(See info below).

Note: If you are connected remotely, and you see a red wireless icon, your router's network environment may not be suitable for a direct network connection and you may experience slow network speeds.

Main Menu

The mydlink SharePort main menu contains icons representing the file categories. Tap < or >, or swipe left or right to move between the different categories. The Wi-Fi icon at the bottom indicates an active local network connection (blue) or remote connection (green/red). Tap **Log In** if it is not lit, or **Log Out** to return to the login page.



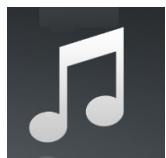
Tap on the **document** icon to view documents.



Tap the **camera** icon to view pictures.



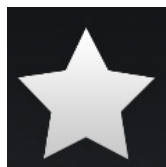
Tap on the **movie** icon to play videos.



Tap on the **music** icon to play audio files.



Tap on the **folder** icon to browse all files in a folder.



Tap on the **star** icon to access your favorite files.



Red indicates your remote connection has very low bandwidth. Video and audio files may not play.



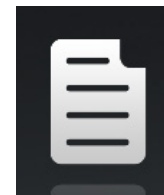
Blue indicates your local connection has good bandwidth.



Green indicates your remote connection has good bandwidth.

Documents

The *Documents* section allows you to share, print, and view documents streamed from your DIR-510L to your mobile device. Tap the **document** icon on the main menu to browse the documents stored on your USB drive.



Search Bar: Enter a file name here to search your storage.



Tap **Edit** to mark files for deletion.

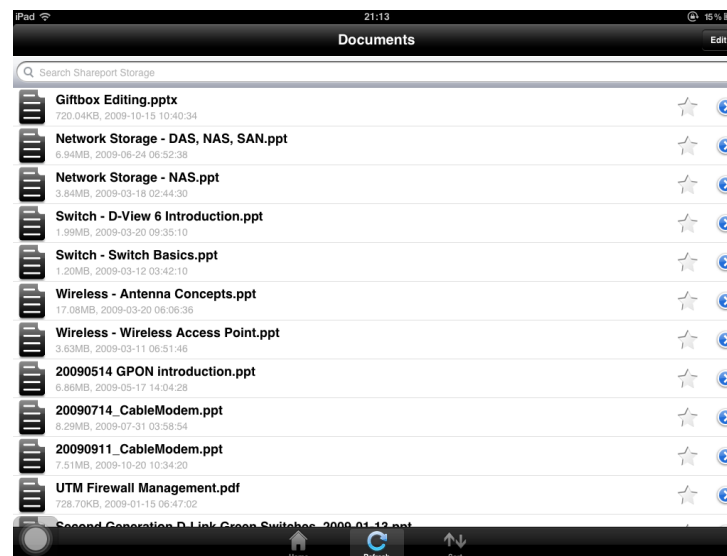


Tap the **Star** icon next to each file to download it to your device and add it into your *Favorites* section.



Tapping the **Arrow** icon gives you additional options:

- **Mail:** Tap to e-mail the file.
- **iCloud:** Tap to store the file on iCloud.
- **AirPrint:** Tap to print the file.
- **Open In....:** Tap to use a third-party app to open the file.



The bottom menu bar includes these options:



Home: Tap to go back to the main menu.





Refresh: Tap to update the list of files.

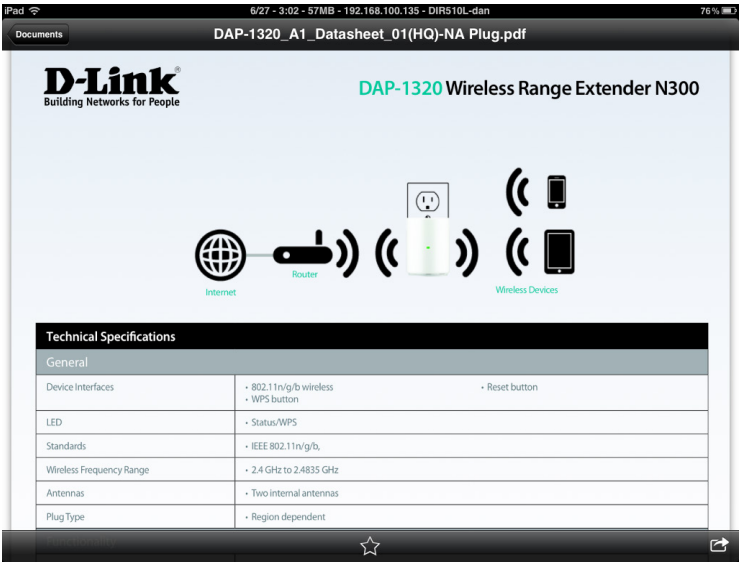


Sort: Tap to reorder the files alphabetically.

Tap on a file to start the document viewer. In the viewer:

-  Tap the **Star** icon to add or remove the file from your *Favorites*.
-  Tap the icon to go to file options.

Note: Some files may require a third-party app to view them.



Pictures

The *Pictures* section allows you to stream photos from your DIR-510L to your mobile device. Tap the **camera** icon on the main menu to browse your photo collection stored on your USB drive.



Search Bar: Enter a file name here to search your storage.



Tap **Edit** to mark files for deletion.

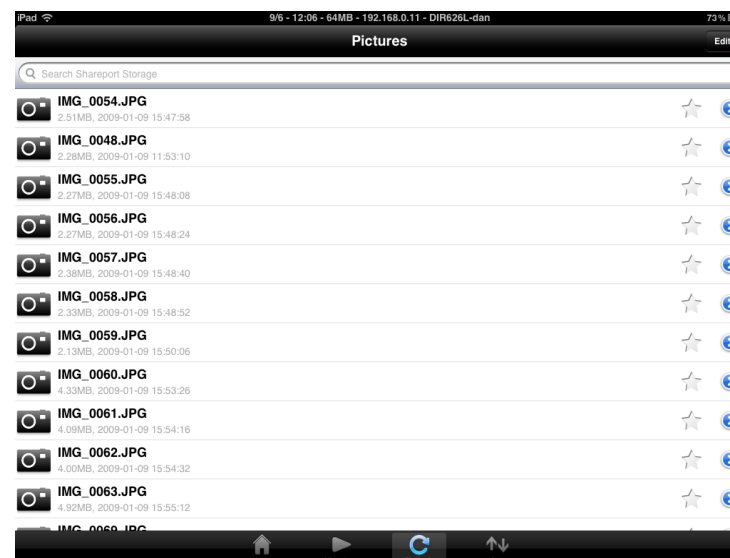


Tap the **Star** icon next to each file to download it to your device and add it into your *Favorites* section.



Tapping the **Arrow** icon gives you additional options:

- **Mail:** Tap to e-mail the image.
- **iCloud:** Tap to store the image on iCloud.
- **AirPrint:** Tap to print the image.
- **Facebook:** Tap to upload the image to your Facebook account.
- **Twitter:** Tap to upload the image to your Twitter account.
- **Open In....:** Tap to use a third-party app to open the file.



The bottom menu bar includes these options:



Home: Tap to go back to the main menu.



Slideshow: Tap to start a slideshow of your photos. Tap the screen again to bring up the menu.






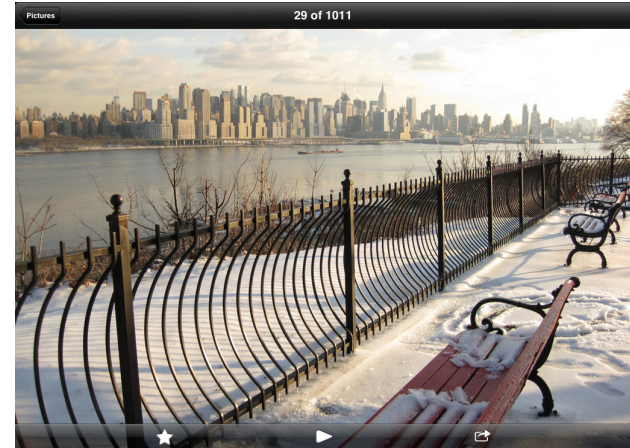
Refresh: Tap to update the list of files.



Sort: Tap to reorder the files alphabetically.

Tap on a file to start the photo viewer. In the viewer:

-  Tap the **Star** icon to add or remove the current photo from your *Favorites*.
-  Tap the icon to start the slideshow.
-  Tap the icon to go to image options.



Videos

The *Videos* section allows you to stream video clips and movies from your DIR-510L to your mobile device. Tap the **movie** icon on the main menu to browse your videos stored on your USB drive.



Search Bar: Enter a file name here to search for a specific file.



Tap **Edit** to mark files for deletion.

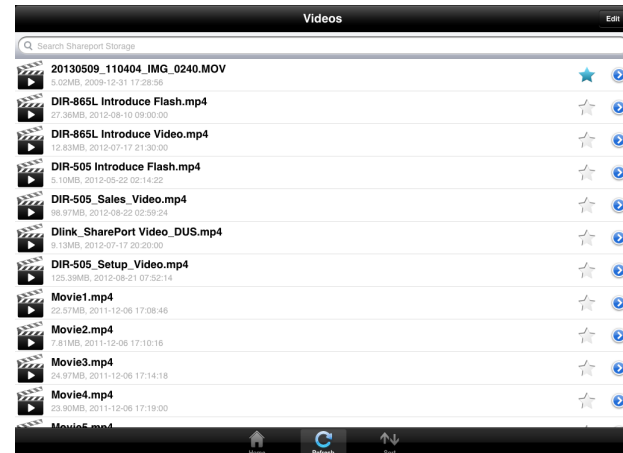


Tap the **Star** icon next to a file to download it to your device and add it into your *Favorites* section.



Tapping the **Arrow** icon gives you additional options:

- **Mail:** Lets you e-mail the file.
- **iCloud:** Lets you store the file on iCloud.
- **Open In...:** Lets you use a third-party app to open the file.



The bottom menu bar includes these options:



Home: Tap to go back to the main menu.








Refresh: Tap to update the list of files.



Sort: Tap to reorder the files alphabetically.

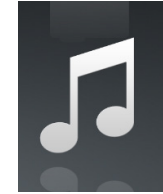
Tap on a file to start the video player. In the player:

-  Tap the icon to play or pause the video. You can scroll to any time on the time line by pressing and then sliding your finger.
-  Tap the icon with arrows pointing out to enter full screen mode.
-  Tap the icon with arrows pointing in to exit full screen mode.
-  Tap the **Star** icon to add or remove the file from your *Favorites*.
-  Tapping this icon gives you additional options:
 - **Mail:** Lets you e-mail the video.
 - **iCloud:** Lets you store the video on iCloud.
 - **Open In....:** Lets you use a third-party app to open the file.






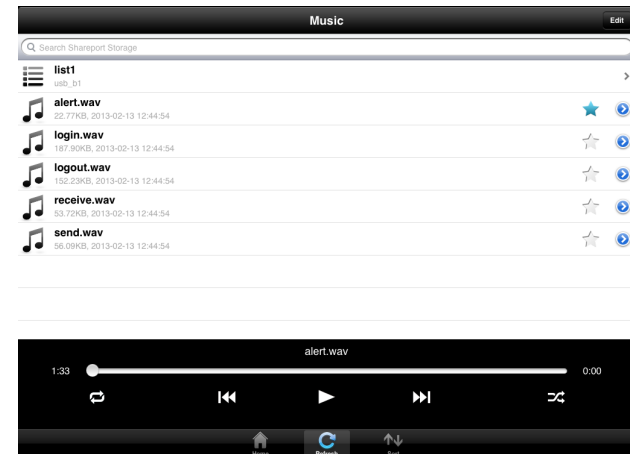
Music

The *Music* section allows you to stream audio files from your DIR-510L to your mobile device. Tap the **music** icon on the main menu to browse your music collection stored on your USB drive.






Search Bar: Enter a file name here to search your storage.



-  Tap **Edit** to create a *Playlist* and mark files for deletion.
-  Tap the **Star** icon next to each file to download it to your device and add it into your *Favorites* section.
-  Tapping the **Arrow** icon gives you additional options:
 - **Mail:** Lets you e-mail the file.
 - **iCloud:** Lets you store the file on iCloud.
 - **Open In...:** Lets you use a third-party app to open the file.





The bottom menu bar includes these options:


-  **Home:** Tap to go back to the main menu.
-  **Refresh:** Tap to update the list of files.
-  **Sort:** Tap to reorder the files alphabetically.

Tap on a file to start the music player. In the player:

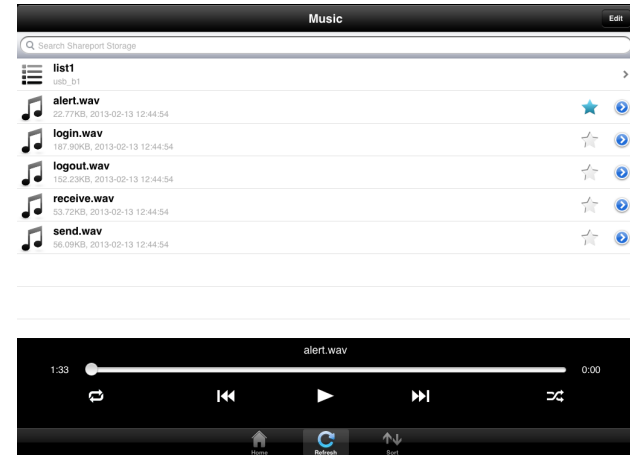
  Tap to repeat all. Tap again to repeat a single song.

 Tap to skip to the previous song.

 Tap to play or pause the music.

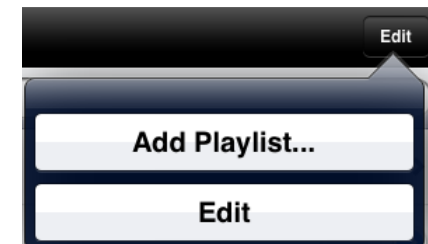
 Tap to skip to the next song.


 Tap to enable/disable shuffle mode.

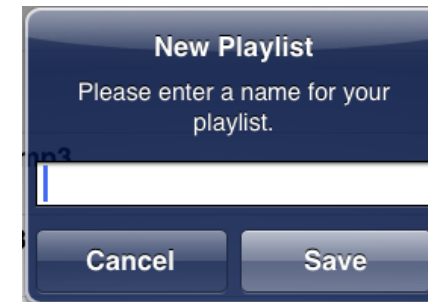


To create a *Playlist*:

- Tap **Edit** > **Add Playlist**. The *New Playlist* window will open.

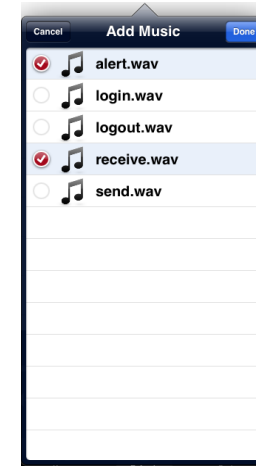


- Enter a **Name** for the *Playlist*, then tap **Save**.
- The name of the *Playlist* will appear in the browser next to the  icon.



To add songs to a *Playlist*:

- Tap the **Playlist** in the browser.
- Tap **Add Music...** to add songs to the current playlist.
- Tap to the left of the file names to add check marks for the songs you wish to add.
- Tap **Done**. The *Playlist* will be saved.

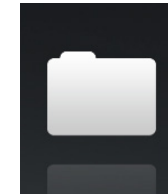


To delete songs from the *Playlist*:




- Tap **Edit** in the *Playlist* browser and mark the files to be deleted.
- Tap **Delete**.

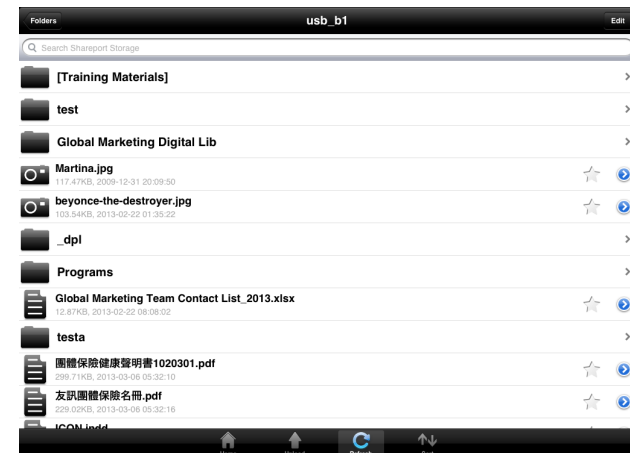
Folders

In the *Folders* section, you can browse your folders and files stored on your USB drive. Tapping the filename will open the viewer/player for that file type as described in the previous pages. You can also upload files from your mobile device to the USB drive attached to your router.







Search Bar: Enter a filename here to search your SharePort storage.

-  Tap **Edit** to take you to the editing screen where you can add a folder and mark files for deletion or copying.
-  Tap the **Star** icon next to each file to download it to your device and add it into your *Favorites* section.
-  Tapping the **Arrow** icon gives you additional options, depending on the file type you selected.

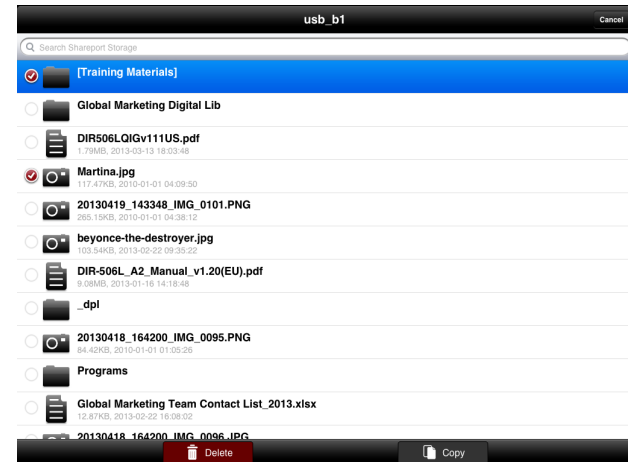


The bottom menu bar includes these options:

-  **Home:** Tap to go back to the main menu.
-  **Upload:** Tap to upload files from your mobile device to your USB drive attached to your router.
-  **Refresh:** Tap to update the list of files.
-  **Sort:** Tap to reorder the files alphabetically.

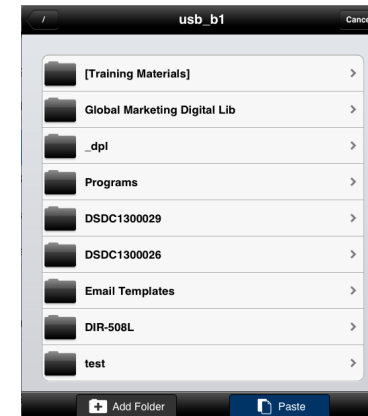
To delete files:

- Tap **Edit** at the top right.
- Tap to the left of the file names to add check marks for the files you wish to delete.
- Tap on **Delete** at the bottom to delete the file.



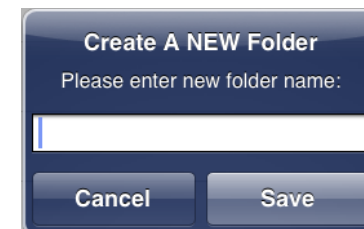
To copy files:

- Tap on **Copy** to bring up a window where you can select the folder to copy to.
- Browse to the directory you want to copy the marked files to and tap **Paste**.
- You can also tap **Add Folder** to create a new folder.



To create a new folder:

- Browse to the directory you wish to create a new folder in.
- Tap **Edit** at the top right.
- Tap **Add Folder** to add a new folder.
- Enter the name of the new folder, then tap **Save**.
- Tap **OK** to confirm folder creation.



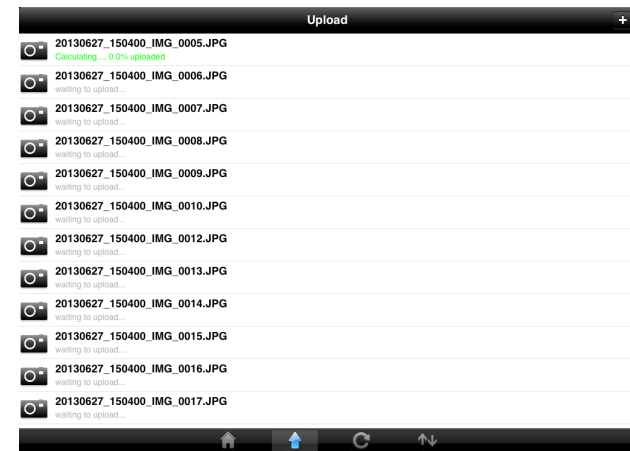
To upload images and videos from your mobile device:

- Browse to the folder you wish to upload to.
- Tap **Upload** at the bottom.
- Tap to select each of the photos or videos you wish to upload.
- Tap **Done**.



During the upload process, the size of the file and the upload progress will be displayed. When complete, it will say, *100% uploaded*.

To upload more files, tap the + icon at the top right and repeat the steps listed above.



Favorites

The *Favorites* section allows you to quickly access your most frequently used files, no matter what file type, in a central location.



Tap **Edit** to mark files for deletion from the local storage in Favorites. The file will still be accessible in other mydlink SharePort sections.



Tapping the **Arrow** icon gives you additional options depending on the file type.

The bottom menu bar includes these options:



Home: Tap to go back to the main menu.



Refresh: Tap to update the list of files.



Sort: Tap to reorder the files alphabetically.

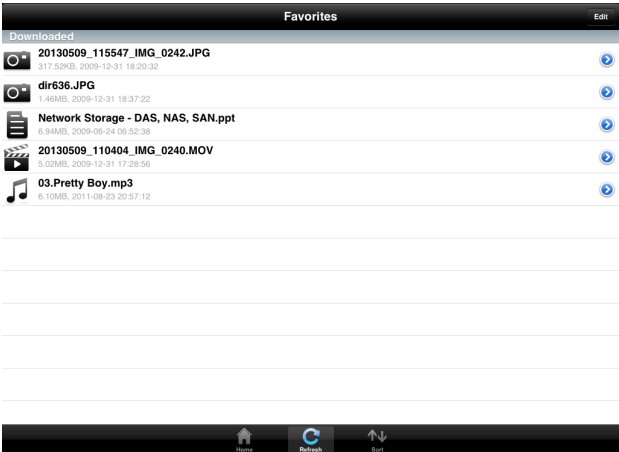
Tap on a file to start the file viewer. In the viewer:



Tap to add/remove the file from your *Favorites*.



Tap to bring up additional options*.



***Note:** The file options available will vary depending on the file type.

The mydlink SharePort app for Android™ Devices

The mydlink SharePort app allows you to conveniently stream media to your Android device and share files stored on a USB drive connected to your router. Connect from a local network or through the Internet to access your photos, videos, music, and documents. SharePort allows you to create your own Personal Cloud, for anytime access to your home network, without the need to upload to a public server first.

The first step toward anywhere, anytime access is to set up a free mydlink account and register your devices at **www.mydlink.com**. Refer to [“mydlink” on page 42](#) for details.

Note: For smooth streaming performance, you will need a minimum of 2 Mbit/s upload bandwidth for your router’s Internet connection. Streaming performance will vary depending on the quality of your Internet connection.

The instructions that follow apply to users of Android devices. The previous section is for users of iPad, iPhone and iPod touch. Or refer to [“Using SharePort Mobile for Windows® 8/RT” on page 86](#).

1. Make sure the DIR-510L is powered on. Then plug your USB drive into the USB port of the device.

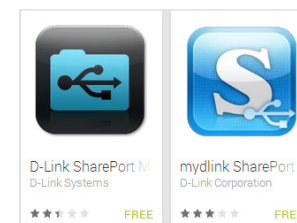
Note: If you connect a USB drive that contains numerous large files, it may take a while for the router to scan and catalog all of your files.



2. Use your Android mobile device to search for the free **mydlink SharePort** app from Google Play™.

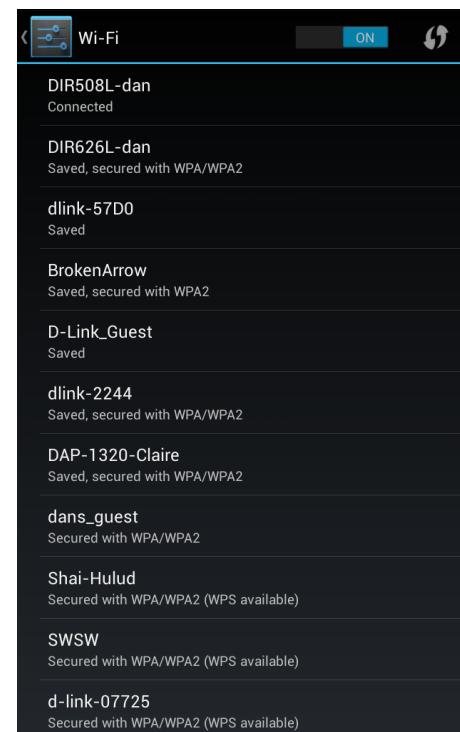
If you have a QR code reader, you can use your Android device to scan the QR code on the right.

Note: For remote access, you will need the **mydlink SharePort** app. The **SharePort Mobile** app is for local access only.



3. On your mobile device, go to your Wi-Fi settings and connect to your router's wireless network using the default Wi-Fi settings. By default, your *Network Name* and *Password* are:

- Wi-Fi Network Name (SSID): **DIR510L**
- Password: (leave this blank)

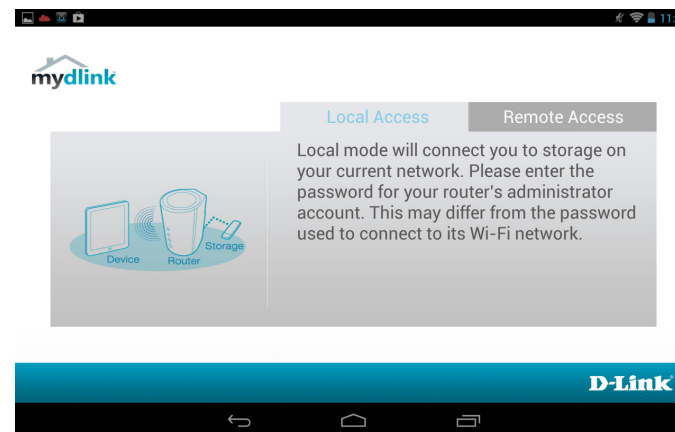


4. Once connected, tap the **mydlink SharePort** icon, and the app will load.
5. At the login page, tap to select between a local access or remote access connection. For descriptions of the two types of connections, tap ?



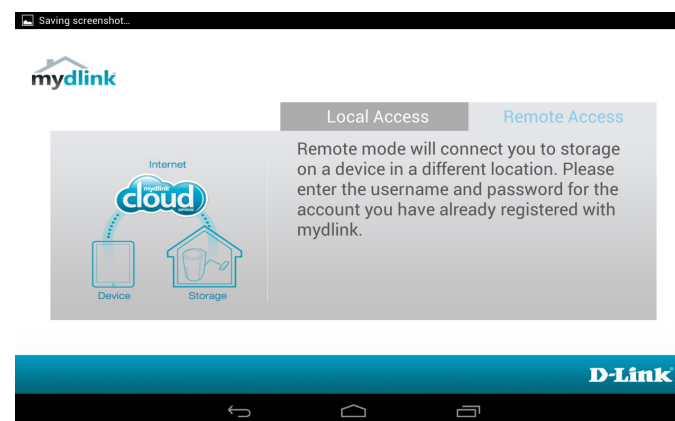
Local Access:

Local mode will connect you to storage on your current network. For example, if you are at home connecting to your router, choose this mode.



Remote Access:

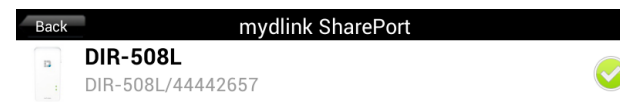
Remote mode will connect you to storage on your router in a different location. For example, you are at your office connecting to your router at home.



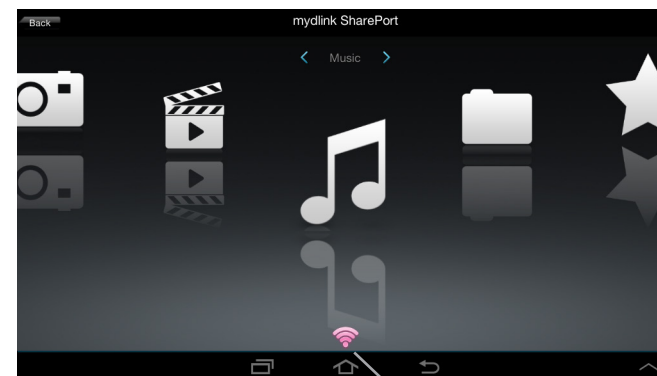
If you are directly connected to the DIR-510L's wireless network, tap **Local Access** and enter the **Admin Password** of your router, then tap **Log In**.

If you are connecting through the Internet tap **Remote Access** and enter your mylink **Account** name and **Password**, then tap **Log In**.

After logging in, select your router from the device list.



- You can now use the mylink SharePort app interface to stream media and access files stored on your USB drive. Tap on the left or right arrows at the top of the screen to cycle through the categories. The name of the selected category appears between the two arrows. Tap the icon in the middle of the screen to view the files in the selected category. See the list of categories on the next page.

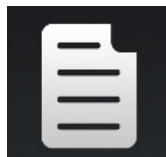


Connection Quality
(See info below).

Note: If you are connected remotely, and you see a red wireless icon, your router's network environment may not be suitable for a direct network connection and you may experience slow network speeds.

Main Menu

The mydlink SharePort main menu contains icons representing the file categories. Tap < or >, or swipe left or right to move between the different categories. The Wi-Fi icon at the bottom indicates an active local network connection (blue) or remote connection (green/red). Tap **Log In** if it is not lit, or **Log Out** to return to the login page.



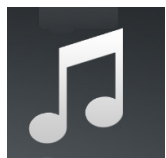
Tap on the **document** icon to view documents.



Tap the **camera** icon to view pictures.



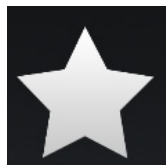
Tap on the **movie** icon to play videos.



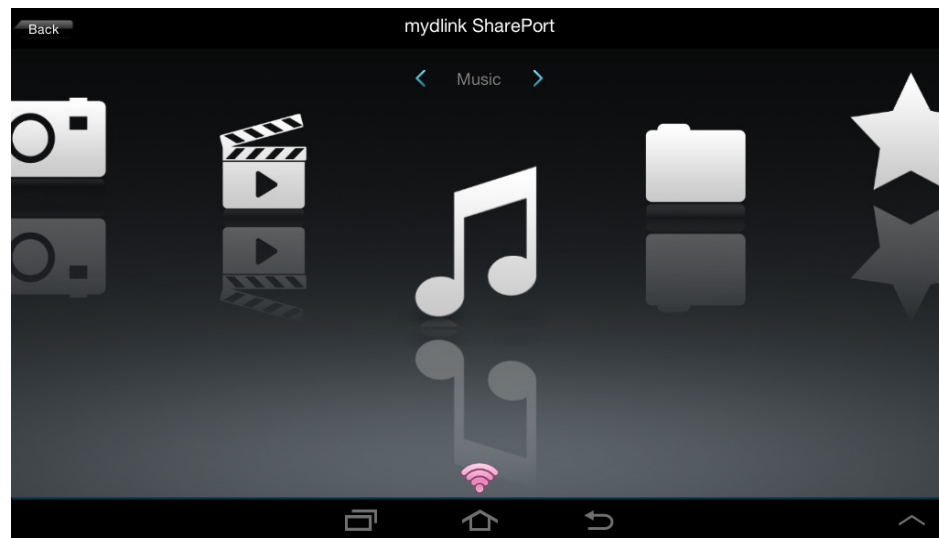
Tap on the **music** icon to play audio files.



Tap on the **folder** icon to browse all files in a folder.



Tap on the **star** icon to access your favorite files.



Red indicates your remote connection has very low bandwidth. Video and audio files may not play.



Blue indicates your local connection has good bandwidth.

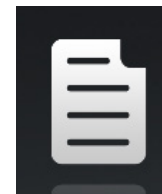


Green indicates your remote connection has good bandwidth.

Note: Available features may differ depending on the Android OS version of your device.

Documents

The *Documents* section allows you to share, print, and view documents streamed from your DIR-510L to your mobile device. Tap the document icon on the main menu to browse the documents stored on your USB drive.



Search Bar: Type in the name of a file to search for it.



Tap to return to the main menu.



Tap to refresh, sort, or mark files for deletion. (See list below.)



Tap the **star** icon next to each file to download it to your device and add it into your *Favorites* section.

Tap  for additional options:



Tap to return to the main menu.



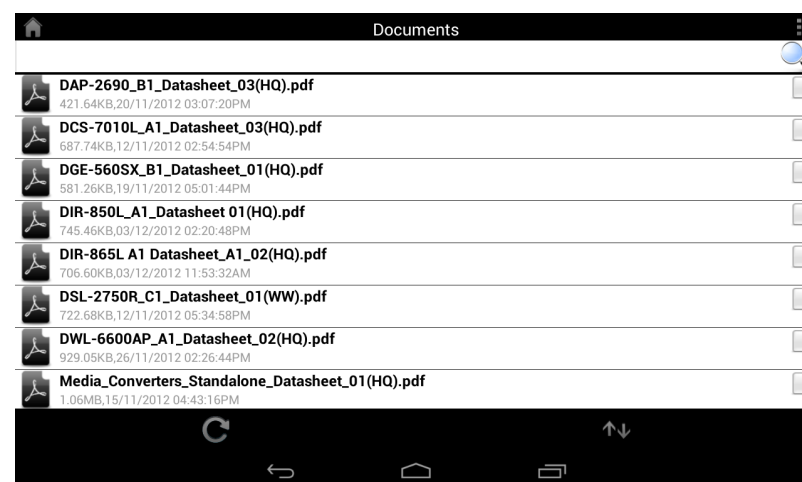
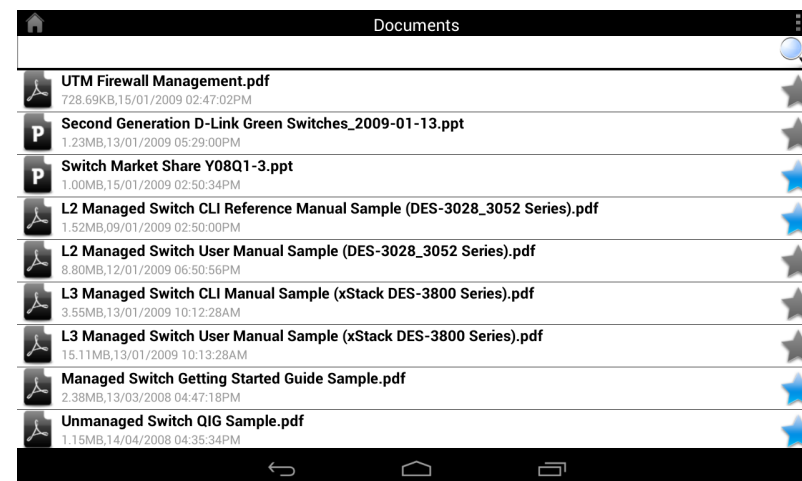
Tap to update (refresh) the list of files.




Tap to sort the files by name, size, type, or date.



Tap the **box** to check a file, then tap the **trash** icon to delete it.



Tap on a file to start the document viewer. In the viewer:

- Tap the screen to bring up zoom in/out buttons.
- Drag the screen up or down to scroll between pages.
- Tap  to access the following actions: **File**, **Find**, **Zoom**, **Reading View**, **Go To Page**, and **Bookmarks**.



Note: Available actions may differ depending on the version of your Android OS.

Pictures

The *Pictures* section allows you to view images streamed from your DIR-510L to your mobile device. Tap the **camera** icon on the main menu to browse your photo collection stored on your USB drive.



Search Bar: Type in the name of a file to search for it.



Tap to return to the main menu.



Tap to start a slideshow of your photos.



Tap to refresh, sort, or mark files for deletion. (See list below.)



Tap the **star** icon next to each file to download it to your device and add it into your *Favorites* section.

Tap  for additional options:



Tap to return to the main menu.



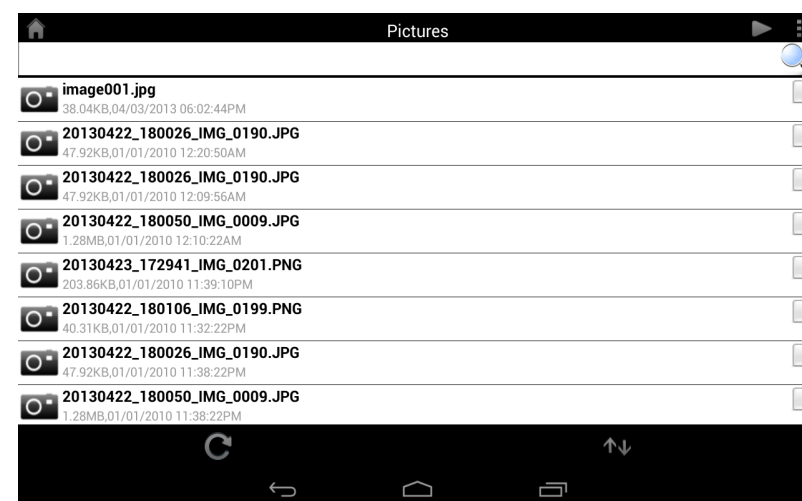
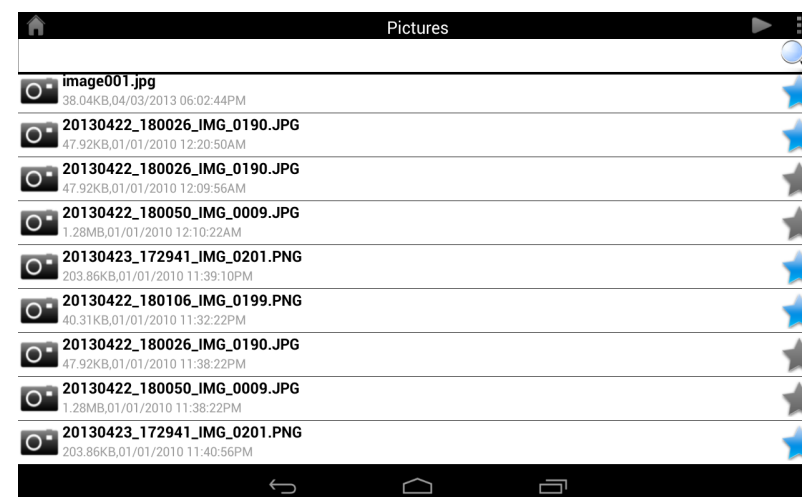
Tap to update (refresh) the list of files.








Tap to sort the files by name, size, type, or date.

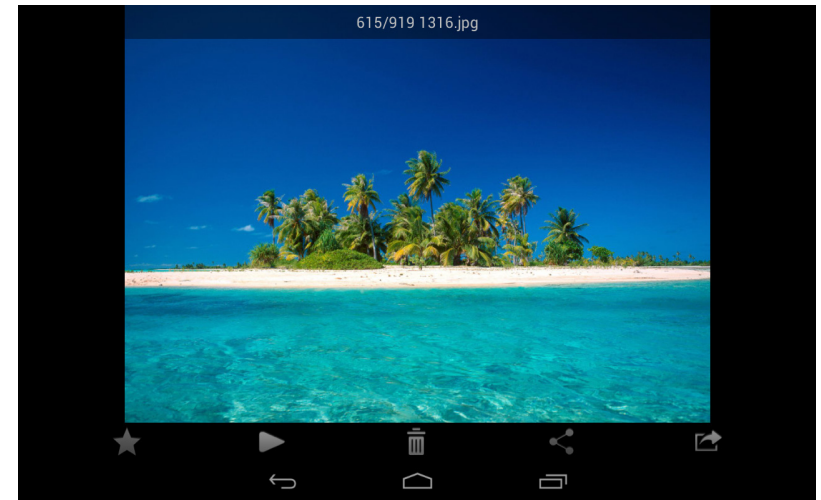


Tap the **box** to check a file, then tap the **trash** icon to delete it.



Tap on an image file to start the image viewer. In the viewer:

-  Tap the **star** icon to download it to your device and add it into your *Favorites* section.
-  Tap to start a slideshow. Tap the image to stop the slideshow.
-  Tap the **trash** icon to delete the current image. Tap **OK** to confirm.
-  Tap to bring up additional options using other applications.
-  Tap to access the image editor.



Note: *This functionality may vary depending on the Android OS version installed on your device.*

Videos

The *Videos* section allows you to stream video clips and movies from your DIR-510L to your mobile device. Tap the **movie** icon on the main menu to browse your videos stored on your USB drive.



Search Bar: Type in the name of a file to search for it.



Tap to return to the main menu.



Tap to refresh, sort, or mark files for deletion. (See list below.)



Tap the **star** icon next to a file to download it to your device and add it into your *Favorites* section.

Tap  for additional options:



Tap to return to the main menu.



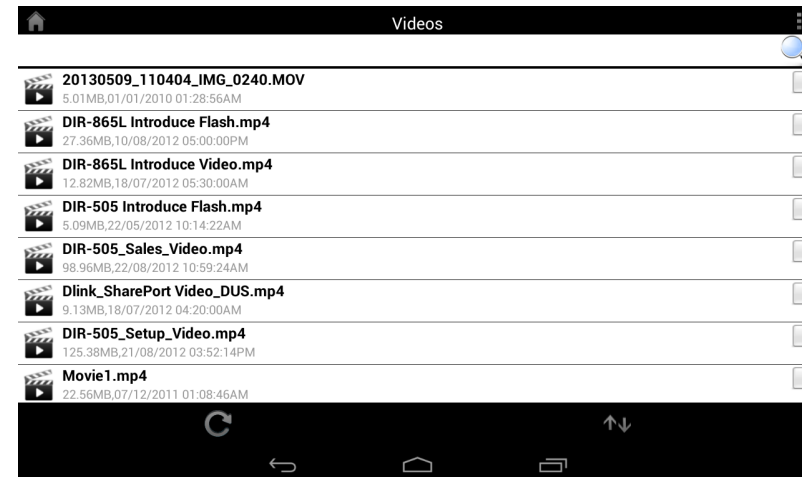
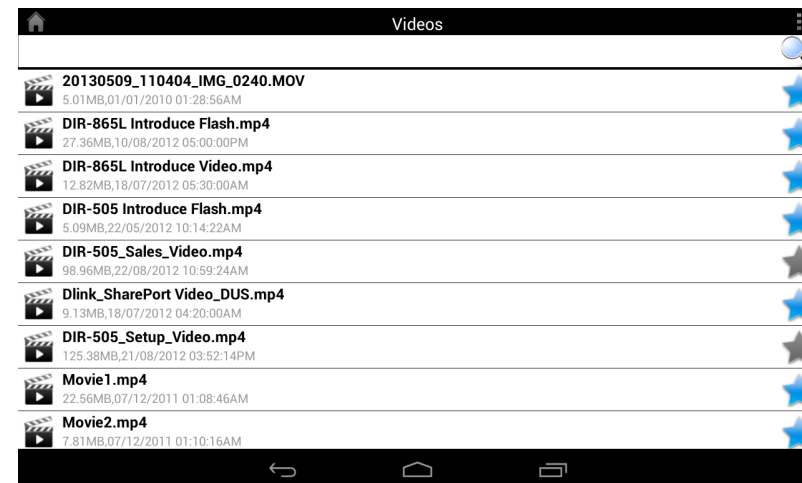
Tap to update (refresh) the list of files.




Tap to sort the files by name, size, type, or date.




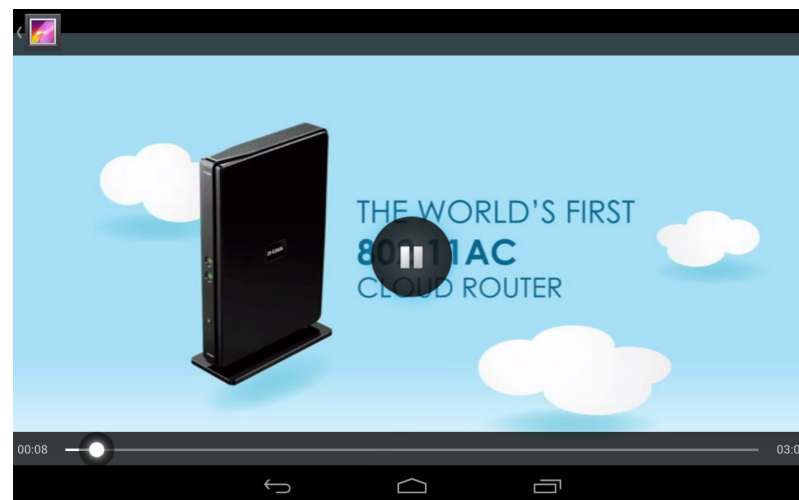
Tap the **box** to check a file, then tap the **trash** icon to delete it.



Tap on a file to start playing the video. Tap on the screen to bring up the scroll bar, pause button, and play button.

 Tap to resume playback.

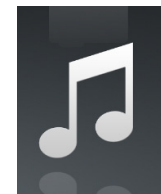
 Tap to pause the video.



Note: Available features may vary depending on the Android OS version installed on your device.

Music

The *Music* section allows you to stream audio files from your DIR-510L to your mobile device. Tap the **music** icon on the main menu to browse your music collection stored on your USB drive.



Search Bar: Type in the name of a file to search for it.



Tap to return to the main menu.



Tap to refresh, sort, or mark files for deletion. (See list below.)



Tap to browse your *Playlists*.



Tap the **star** icon next to a file to download it to your device and add it into your *Favorites* section.

Tap for additional options:



Tap to return to the main menu.



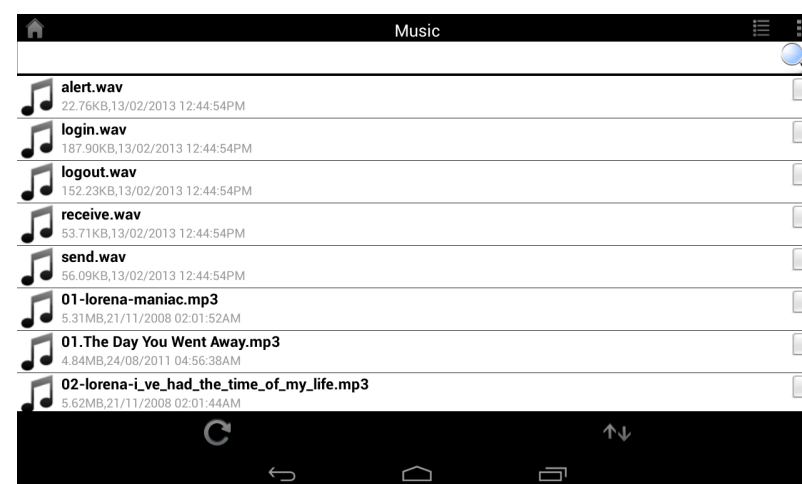
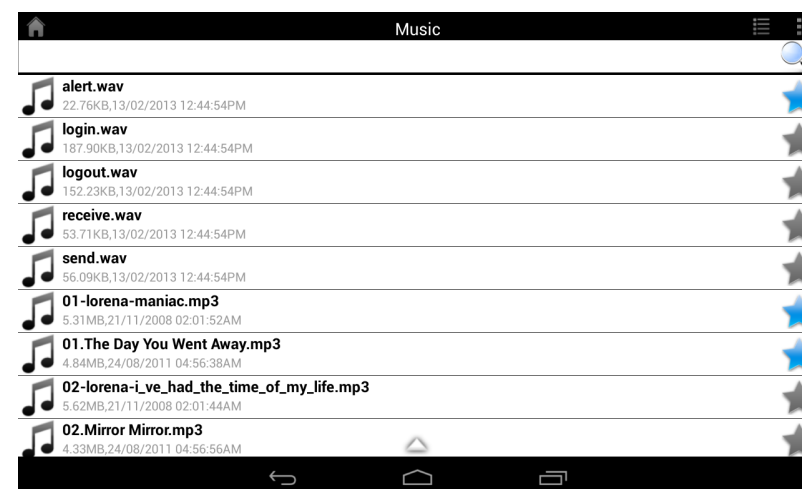
Tap to update (refresh) the list of files.



Tap to sort the files by name, size, type, or date.




Tap the **box** to check a file, then tap the **trash** icon to delete it.





Tap on a file to start playing it. In the player:

  Tap on the up/down arrow to show/hide the player controls.

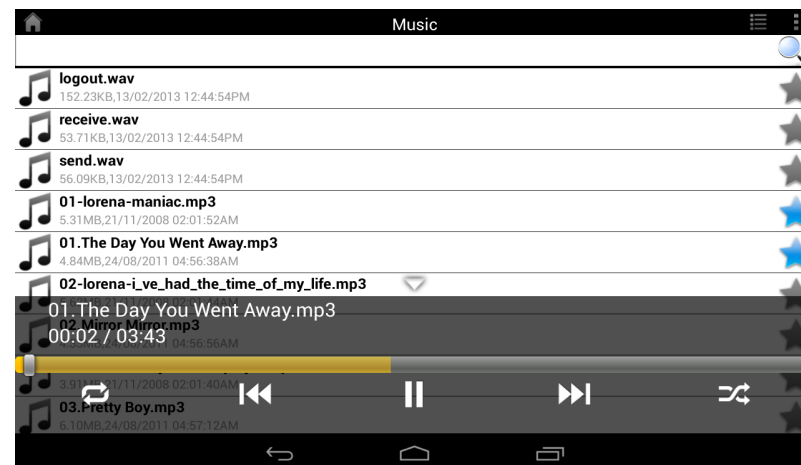
  Tap to repeat all. Tap again to repeat a single song.

 Tap to skip to the previous song.





 Tap to play or pause the song.

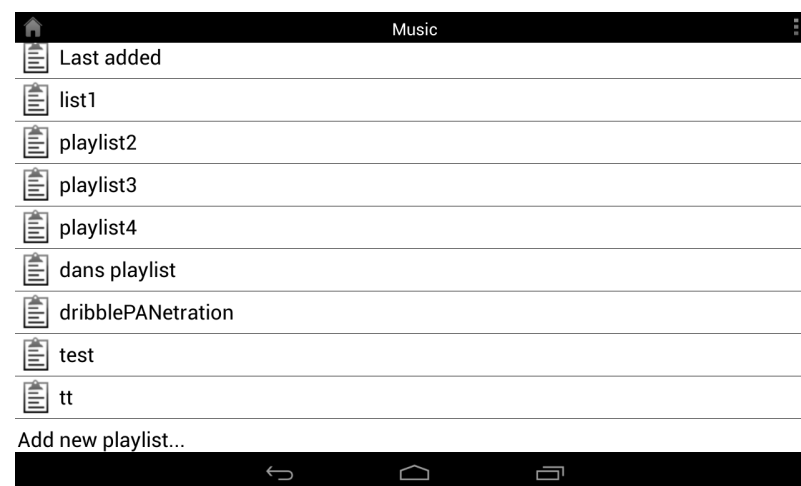
 Tap to skip to the next song.

 Tap to enable/disable shuffle mode.




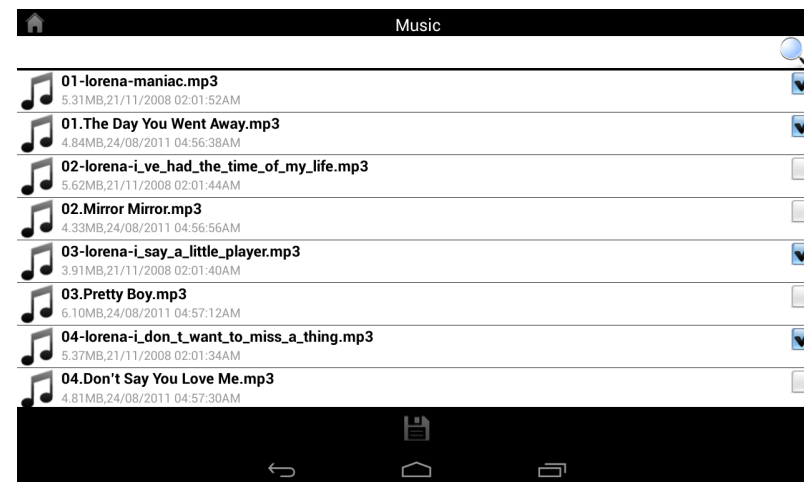
To create a *Playlist*:

- Tap 
- Tap **Add new playlist...**
- Enter a **name** for the *Playlist*, then tap **OK**. The name of the *Playlist* will appear in the browser next to the  icon.
- You can tap  then  to refresh the *Playlist* page.




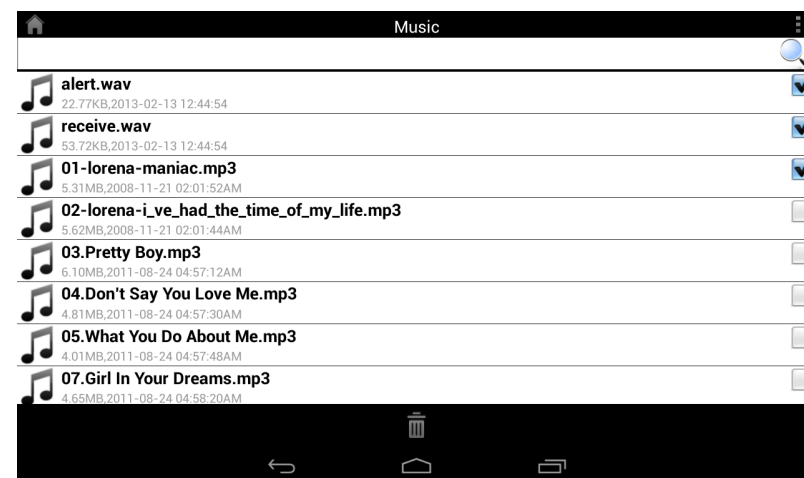
To add songs to a *playlist*:

- Tap on the **name** for a *Playlist* to see its contents.
- Tap **Add Music...** to add songs to the current playlist.
- Tap the **box(es)** to check the song(s) you wish to add and tap  to save.



To delete songs from the *Playlist*:

- Tap **Edit** in the *Playlist* browser and tap the **boxes** to check the files to be deleted.
- Tap  then tap **OK** to confirm.



Folders

In the *Folders* section, you can browse your files stored on your USB drive. Tapping the file name will open the viewer/player for that file type as described in the previous pages. You can also upload files from your mobile device to the USB drive attached to your router.

Search Bar: Type in the **name** of a file to search for it.



Tap to return to the main menu.



Tap to access file options.

In the file browser:



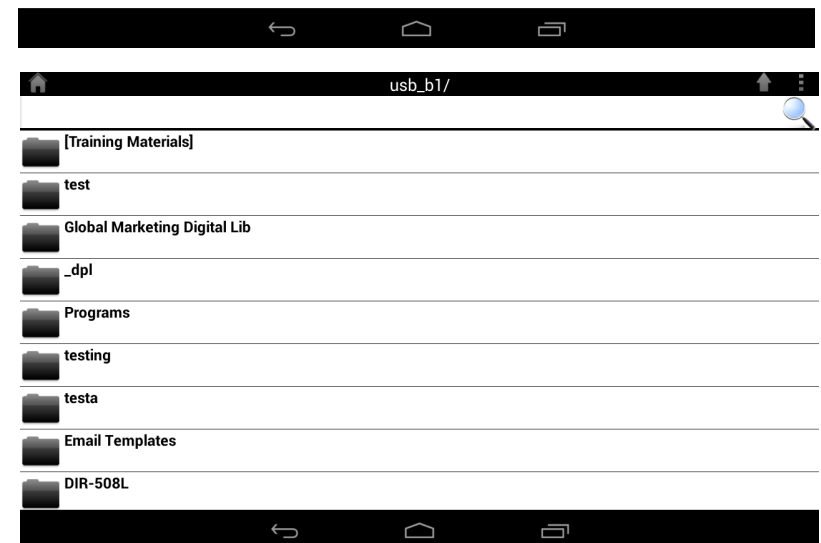
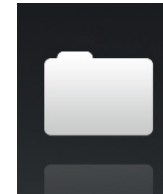
Tap to return to the main menu.








Tap to upload files.





Tap to refresh, sort, create a new folder, or mark files for deletion and copying. (See list on the next page.)





Tap  to select files and perform the following actions:

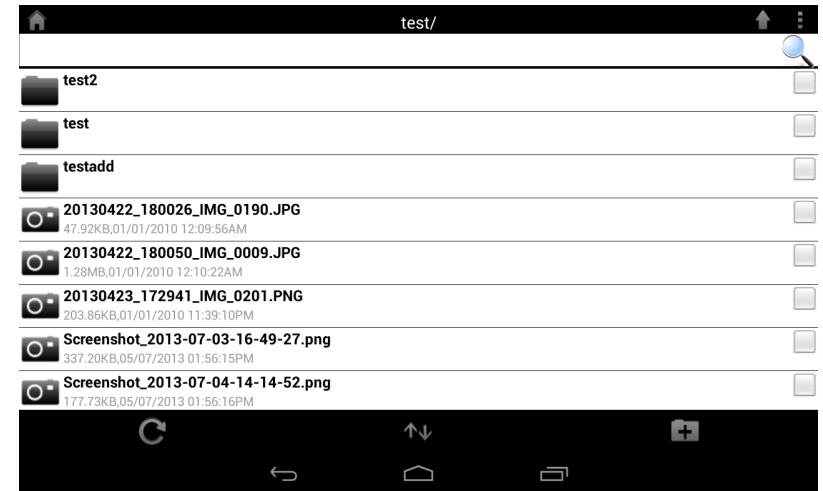
-  Tap to update (refresh) the list of files.
-  Tap to sort the files by name, size, type, or date.
-  Tap to create a new folder.
-  Tap the **box** to check a file, then tap the **trash** icon to delete it.
-  Tap the **box** to check a file, then tap this icon to copy it.

To delete files:

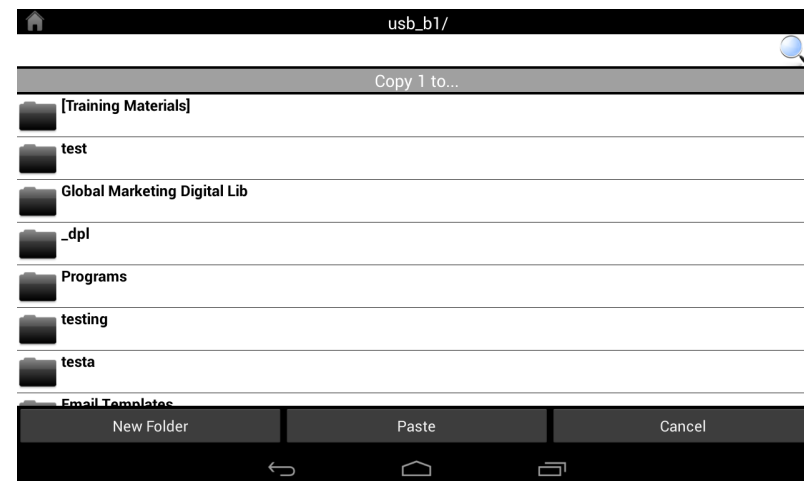
- Tap on  and tap the **boxes** to check the files to be deleted.
- Tap on  to delete your selected files. Tap **OK** to confirm.

To copy files:



- Tap on  and tap the **boxes** to check the files for copying.
- Tap on  to browse to the destination for the copies.

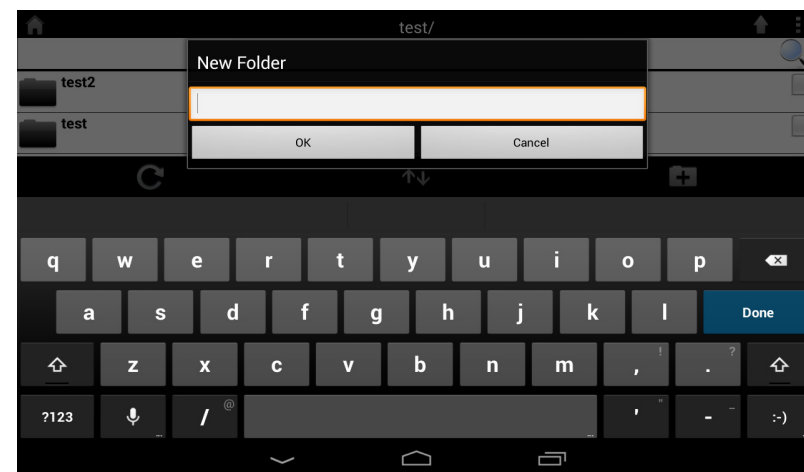


- Tap **Paste** to copy the file to the destination.
- You can also tap **New Folder** if you wish to create a new destination folder.




To create a **New Folder**:

- Browse to locate the directory you wish to create a new folder in.
- Tap  then .
- Enter the **Name** of the folder in the box, then tap **OK**.

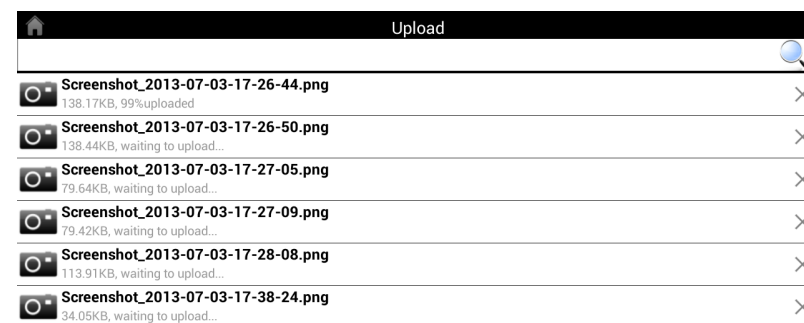
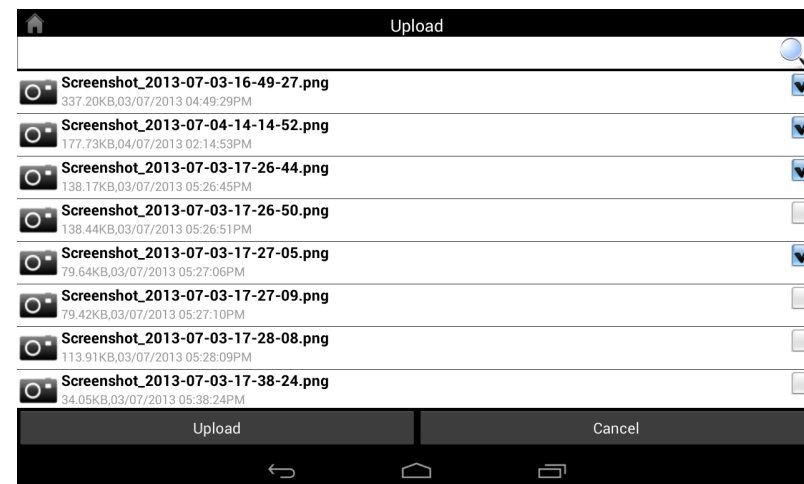


To upload images and videos from your mobile device:

- Browse to the folder you wish to upload to.
- Tap  and browse to the file or files you wish to upload from the local device.
- Tap the **box** to check a file you wish to upload.
- Tap **Upload**.

During the upload process, the size of the file and the upload progress will be displayed under the file name.

- To remove a file from the upload queue, tap the **X** next to it.



Favorites

The *Favorites* section allows you to quickly access your most frequently used files, no matter what file type, in a central location.



Search Bar: Type in the name of a file to search for it.



Tap to return to the main menu.



Tap to refresh, sort, or mark files for deletion. (See list below.)

Tap  for additional options:



Tap to return to the main menu.



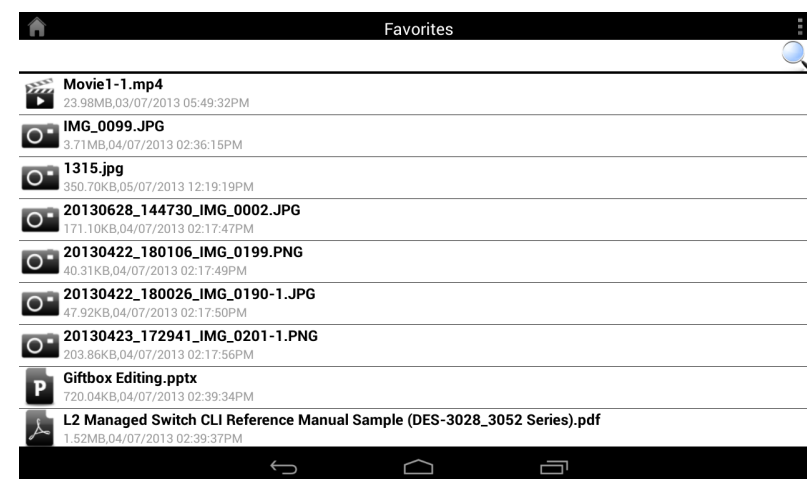
Tap to update (refresh) the list of files.



Tap to sort the files by name, size, type, or date.



Tap the **box** to check a file, then tap the **trash** icon to delete it.

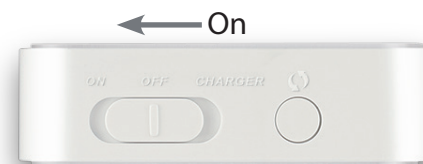


Using SharePort Mobile for Windows® 8/RT

The *SharePort Mobile* app allows you to conveniently stream media and share files stored on a USB drive connected to your router. Connect from a local network to access your photos, videos, music, and documents. You can upload files and photos from your mobile device to your router's USB drive via the app wirelessly!

1. Make sure the DIR-510L is powered on. Then plug your USB drive into the USB port of the device.

Note: *If you connect a USB drive that contains numerous large files, it may take a while for the router to scan and catalog all of your files.*



2. Use your Windows 8/RT mobile device to search for the free *SharePort Mobile* app from the Windows Store.



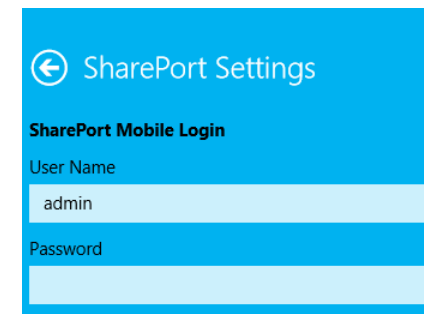
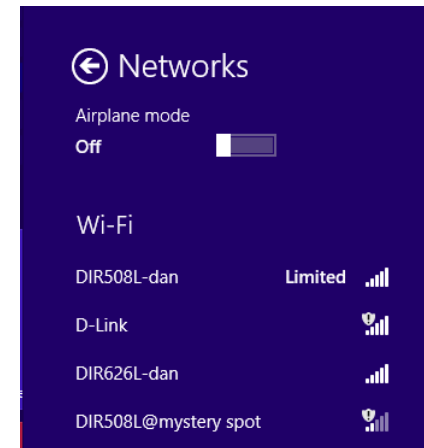
3. On your mobile device, go to your Wi-Fi settings and connect to your router's wireless network using the default Wi-Fi settings. By default, your *Wi-Fi Name* and *Password* are:

- Wi-Fi Network Name (SSID): **DIR510L**
- Password: (leave this blank)


4. Once connected, tap the **SharePort Mobile** icon, and the app will load.

5. At the main menu, if you see any greyed out icons, swipe the right edge of the screen to bring up **Settings**. Then tap **SharePort Settings** and enter your admin **Password**. Tap on the back icon (<) to exit settings and log in.

6. You will see the *SharePort Mobile* main menu.



Main Menu

The SharePort Mobile main menu contains icons representing the file categories. Tap an icon to access your files by type. In each section, you can tap  at any time to go back.



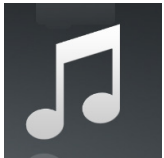
Tap on the **document** icon to view documents.



Tap the **camera** icon to view pictures.



Tap on the **movie** icon to play videos.



Tap on the **music** icon to play audio files.



Tap on the **folder** icon to browse all files in a folder.



Tap on the **star** icon to access your favorite files.



Documents

The *Documents* section allows you to share, print, and view documents streamed from your DIR-510L to your mobile device. Tap the **document** icon on the main menu to browse the documents stored on your USB drive.



In the *Documents* browser, tap the **document** to open it with a third-party application.



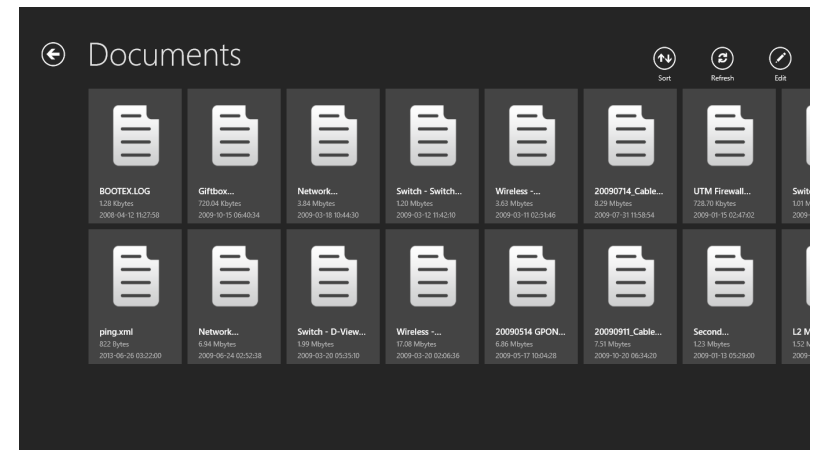
Tap **Sort** to sort files by...



Tap **Refresh** to refresh the list of files.



Tap **Edit** to add files to *Favorite* or delete files. (See below list.)



Tap **Edit** and select one or more files for the following options:



Tap **Quit Edit** to leave the editing screen.



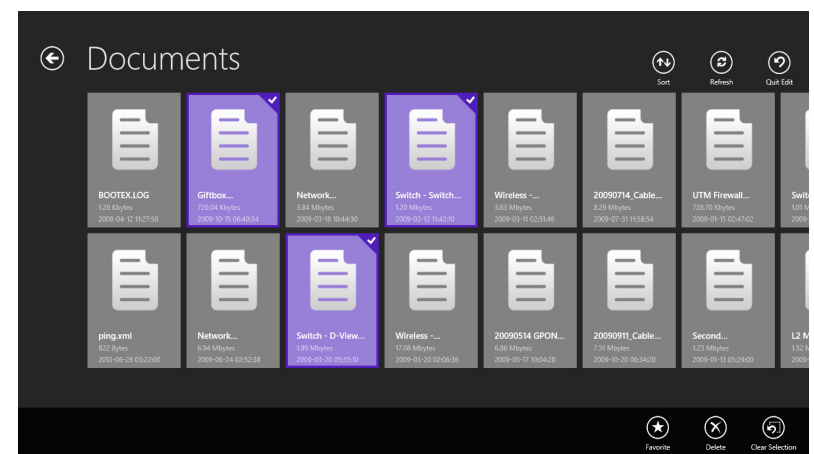
Tap **Favorite** to add the file to *Favorite* and download it to your local device.



Tap **Delete** to delete the selected file or files.

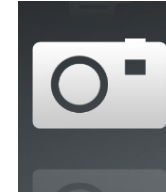


Tap **Clear Selection** to deselect all selected files.



Pictures

The *Pictures* section allows you to stream images from your DIR-510L to your mobile device. Tap the **camera** icon on the main menu to browse your photo collection stored on your USB drive.



In the image browser, tap the image to open it.



Tap **Slideshow** to start a slideshow of your images.



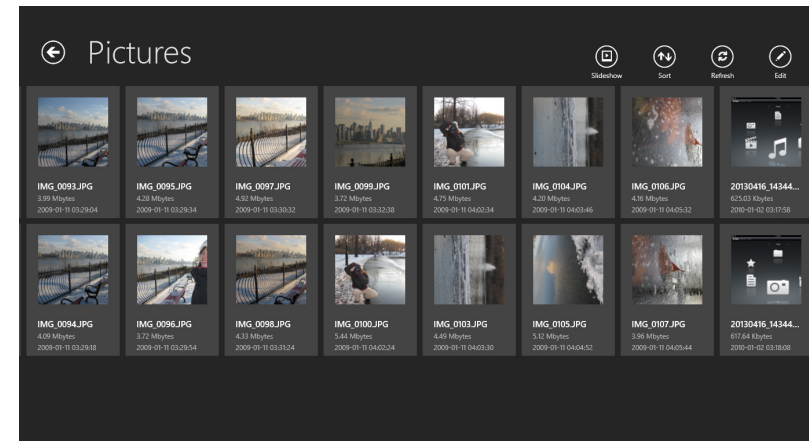
Tap **Sort** to sort files by....



Tap **Refresh** to refresh the list of files.



Tap **Edit** to add files to *Favorite* or delete files. (See below list.)



Tap **Edit** and select one or more files for the following options:



Tap **Quit Edit** to leave the editing screen.



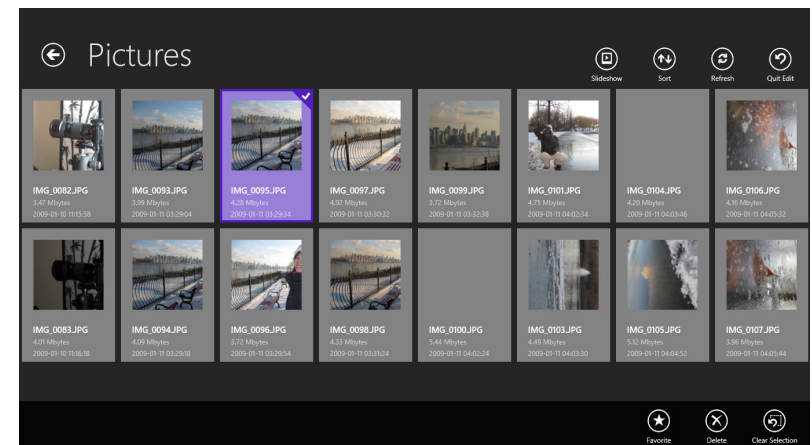
Tap **Favorite** to add the file to Favorite and download it to your local device.



Tap **Delete** to delete the selected file or files.



Tap **Clear Selection** to deselect all selected files.



In the image viewer:



Tap **Slideshow** to start a slideshow of your images.



Tap **Edit** to open, mark as *Favorite*, or delete the image. (See list below.)

After tapping **Edit**:



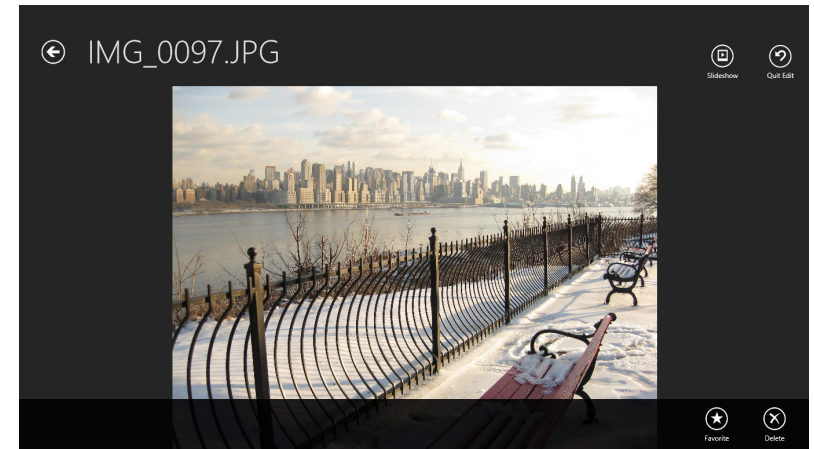
Tap **Quit Edit** to leave the editing screen.



Tap **Favorite** to add the file to *Favorite* and download it to your local device.



Tap **Delete** to delete the selected file or files.



Movies

The *Movies* section allows you to stream video clips and movies from your DIR-510L to your mobile device. Tap the movie icon on the main menu to browse your videos stored on your USB drive.



In the movies browser, tap the file to play it.



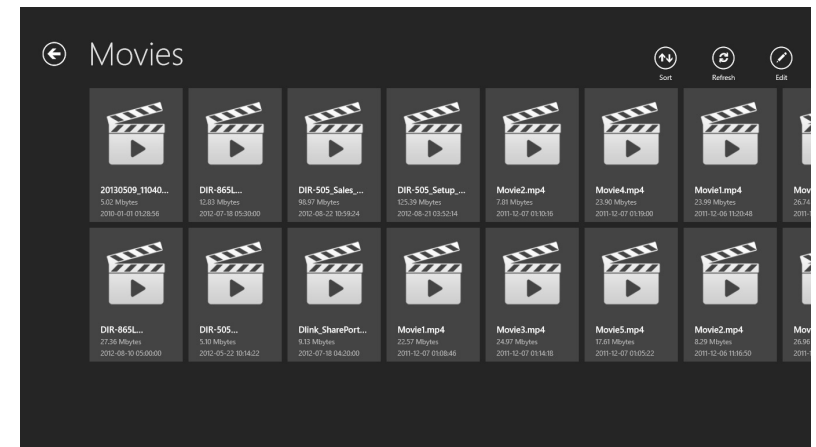
Tap **Sort** to sort files by....



Tap **Refresh** to refresh the list of files.



Tap **Edit** to add files to *Favorite* or delete files. (See below list.)



Tap **Edit** and select a file for the following options:



Tap **Quit Edit** to leave the editing screen.



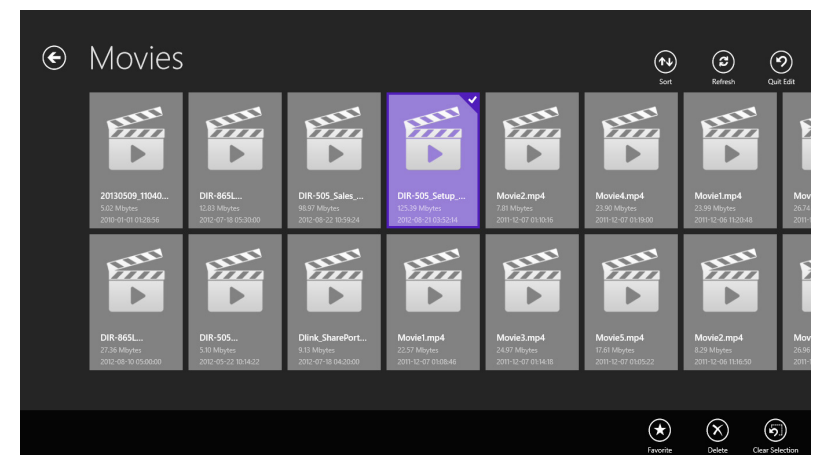
Tap **Favorite** to add the file to *Favorite* and download it to your local device.








Tap **Delete** to delete the selected file or files.

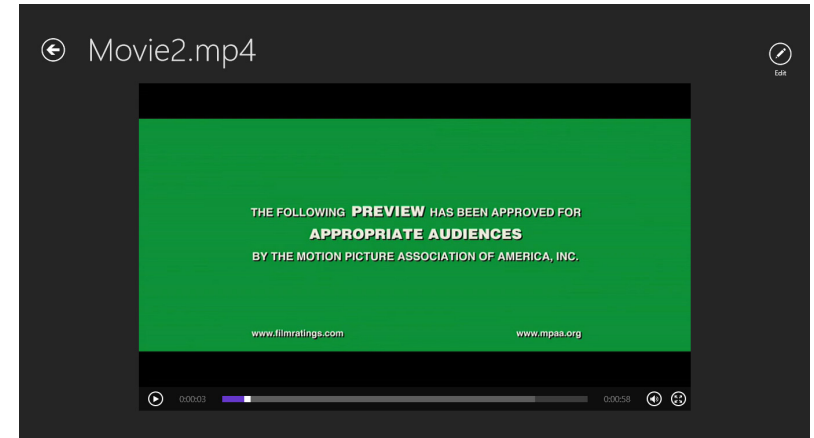


Tap **Clear Selection** to deselect all selected files.







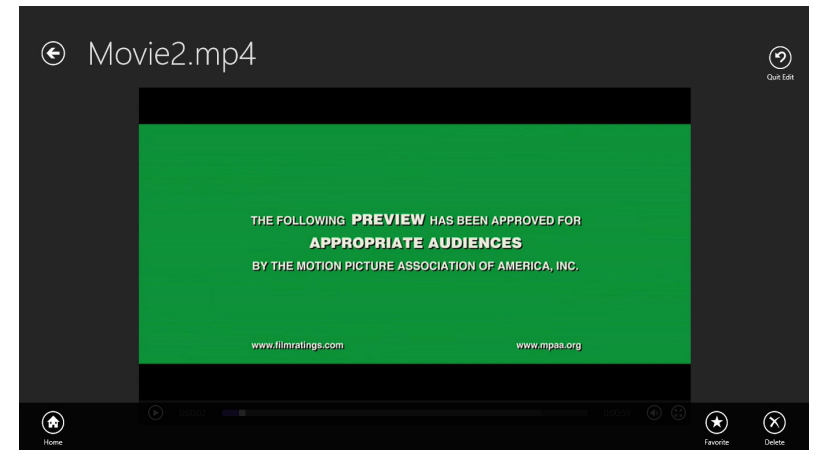
Tap on a file to start playing it. In the player:

-  Tap to play or pause the video. You can scroll to any time on the time line by pressing and then sliding your finger.
-  Tap the icon with arrows pointing out to enter full screen mode.
-  Tap the icon with arrows pointing in to exit full screen mode.
-  Tap to adjust the volume.
-  Tap to add file to *Favorite* or delete the file. (See list below.)



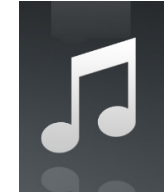
After tapping **Edit**:

-  Tap to leave the editing screen.
-  Tap to return to the main menu.
-  Tap to add the file to *Favorite* and download it to your local device.
-  Tap to delete the file.



Music

The *Music* section allows you to stream songs from your DIR-510L to your mobile device. Tap the **music** icon on the main menu to browse your music collection stored on your USB drive.



In the music browser, tap a file to play it with the music player.



Tap **Repeat** to repeat one or all songs.



Tap **Shuffle** to enable/disable shuffle mode.



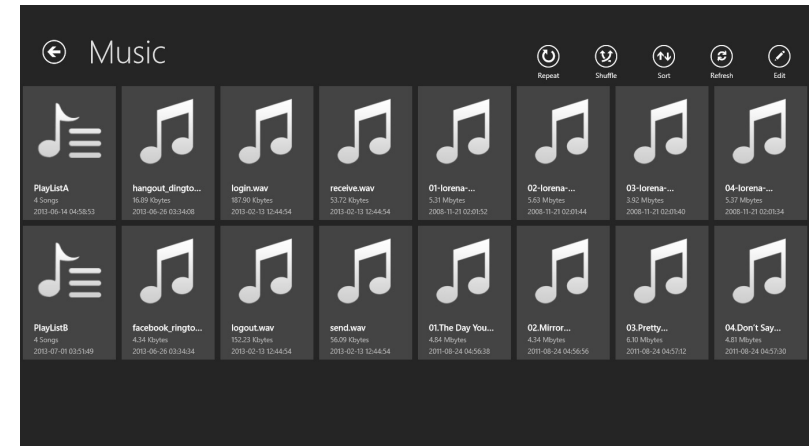
Tap **Sort** to sort files by....



Tap **Refresh** to refresh the list of files.



Tap **Edit** to add file to *Favorite* or delete the file. (See list below.)



Tap **Edit** and select one or more files for the following options:



Tap **Quit Edit** to leave the editing screen.



Tap **Add Play List** to add selected songs to a new *playlist*.



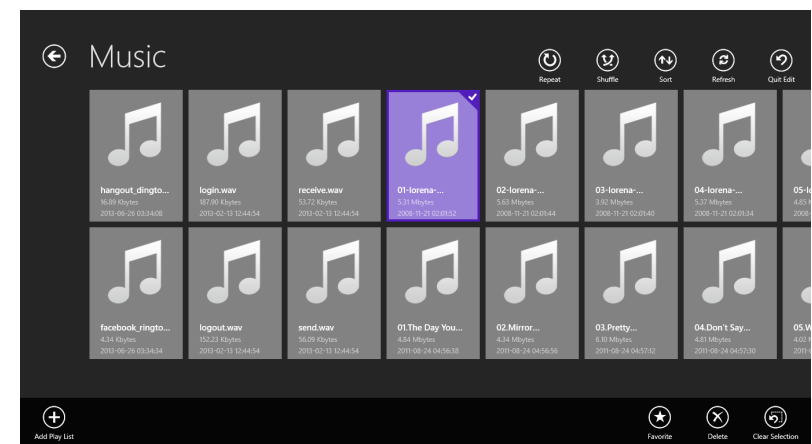
Tap **Favorite** to add the file to *Favorite* and download it to your local device.








Tap **Delete** to delete the selected file or files.



Tap **Clear Selection** to deselect all selected files.

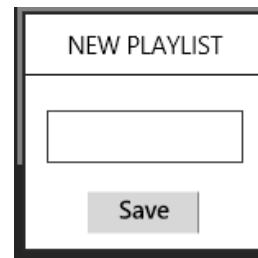



Tap on a file to start playing it. In the player:

-  Tap to play/pause the song.
-  Tap to skip to the previous song.
-  Tap to skip to the next song.
-  Tap to stop playback.
-  Tap to adjust the volume.

To create a *playlist*:

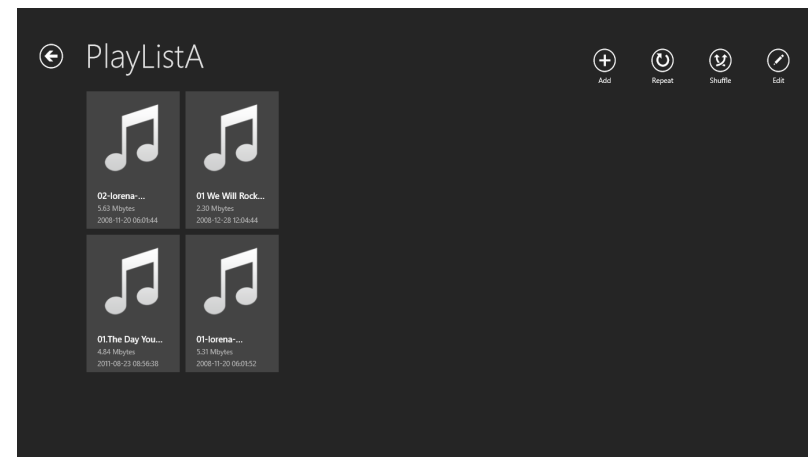
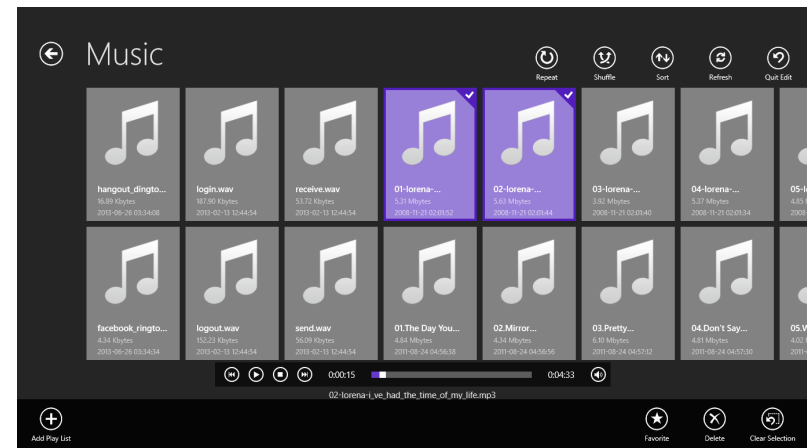
- Tap **Edit**, then select songs to be added to a new *playlist*.
- Tap **Add Playlist**. The *New Playlist* window will open.
- Enter a **name** for the *playlist*, then tap **Save**.



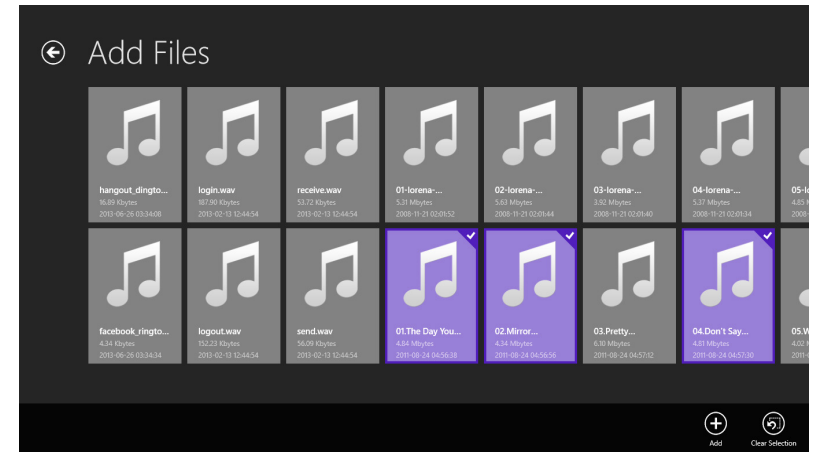
The *playlist* will appear in the browser as an  icon.

To add songs to a *playlist*:

- Tap your **playlist** to see its current contents.
- Tap the **Edit** icon.
- Tap the **Add** icon.

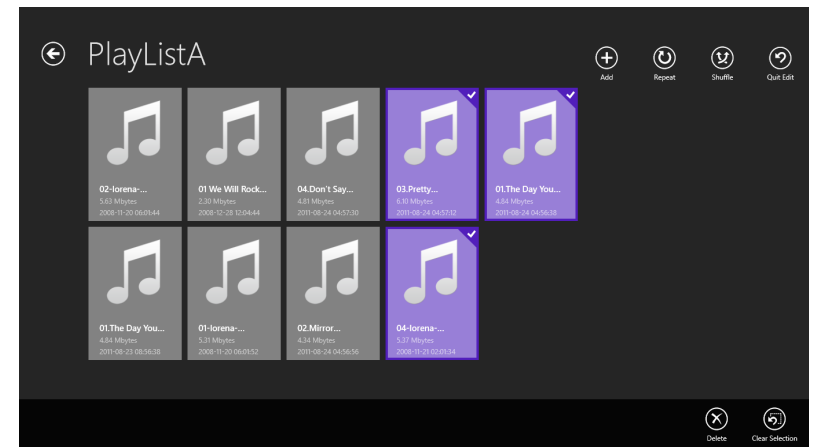


- Select songs to be added to your *playlist*, then tap the **Add** icon.



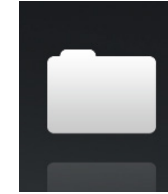
To delete songs from your *playlist*:

- Tap your *playlist* to see its current contents.
- Tap the **Edit** icon in the *playlist* browser and tap to mark the files to be deleted.
- Tap the **Delete** icon to remove the file.



Folder

In the *Folder* section, you can browse your files stored on your USB drive. Tapping the filename will open the viewer/player for that file type as described on the previous pages. You can also upload files from your mobile device to the USB drive attached to your router.



In the browser, tap the file to open it.



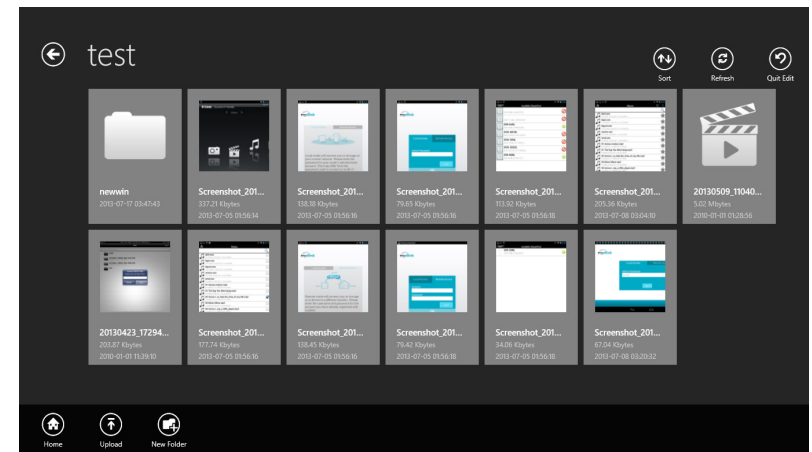
Tap **Sort** to sort files by....



Tap **Refresh** to refresh the list of files.



Tap **Edit** to upload files or create a new folder (See list below.) You can select files to be copied, opened, added to *favorite* or deleted.*



Tap **Edit** for the following options:



Tap **Home** to return to the main menu.



Tap **Upload** to upload a file from your device.



Tap **New Folder** to create a new folder.

***Note:** Refer to the next page for the additional **Edit** options available when you select a file.

Tap **Edit** and select a file for the following options:



Tap **Quit Edit** to leave the editing screen.



Tap **Home** to return to the main menu.



Tap **Copy** to copy selected files.



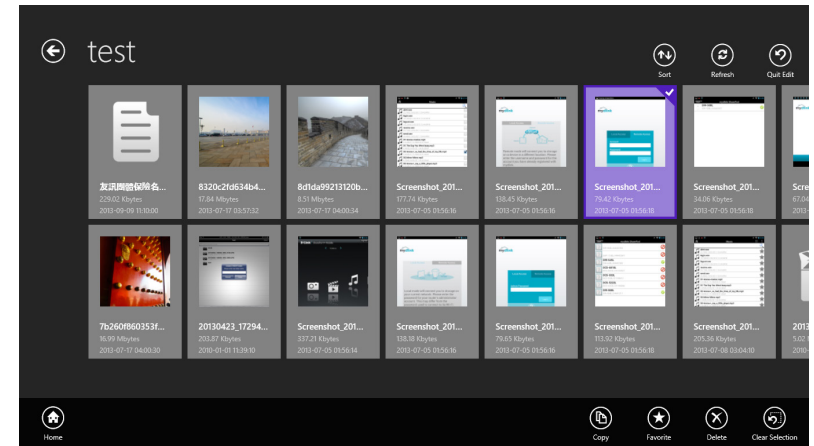
Tap **Favorite** to add the file to *Favorite* and download it to your local device.



Tap **Delete** to delete the selected file or files.



Tap **Clear Selection** to deselect all selected files.

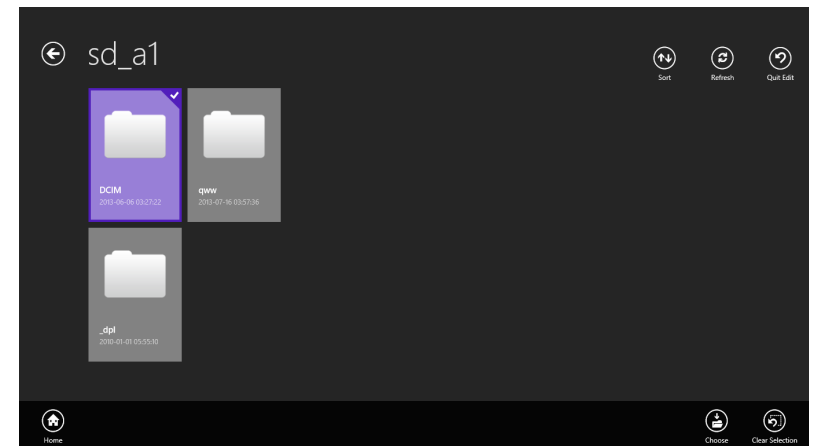


To delete files:

- Browse to the folder with the file to be deleted.
- Tap the **Edit** icon in the browser, and tap to mark the file to be deleted.
- Tap **Delete** to delete the file.

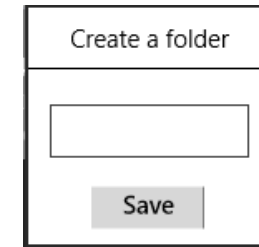
To copy files:

- Tap to select the file to be copied, and tap the **Copy** icon.
- Browse to and select the **destination** folder.
- Tap the **Choose** icon to copy the file to that destination folder.



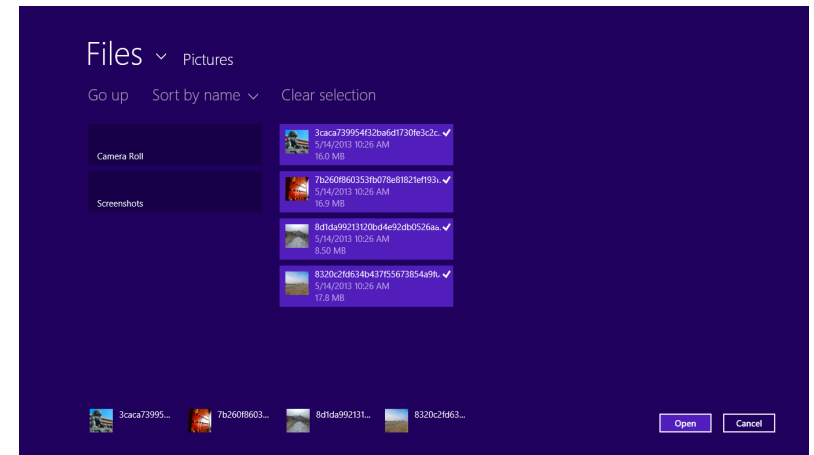
To create a new folder:

- Browse to the directory you wish to create a new folder in.
- Tap the **Edit** icon at the top right.
- Tap the **New Folder** icon and enter the **name** of the new folder.
- Tap **Save** to create the folder.



To upload images and videos from your mobile device:

- Browse to the folder you wish to upload to.
- Tap the **Upload** icon. In the *Upload* screen, tap **Upload** to bring up Windows file browser.
- Select your files to be uploaded from your device to the USB storage and tap **Open**. The files will begin uploading.



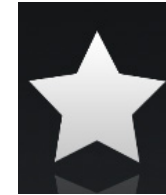
Additional options available:

- During the upload process, you may tap the upload queue files to delete them from the queue.
- To upload more files, tap the **Upload** icon at the top right and repeat the steps above.



Favorite

The *Favorite* section allows you to quickly access your most frequently used files, no matter what file type, in a special central location.



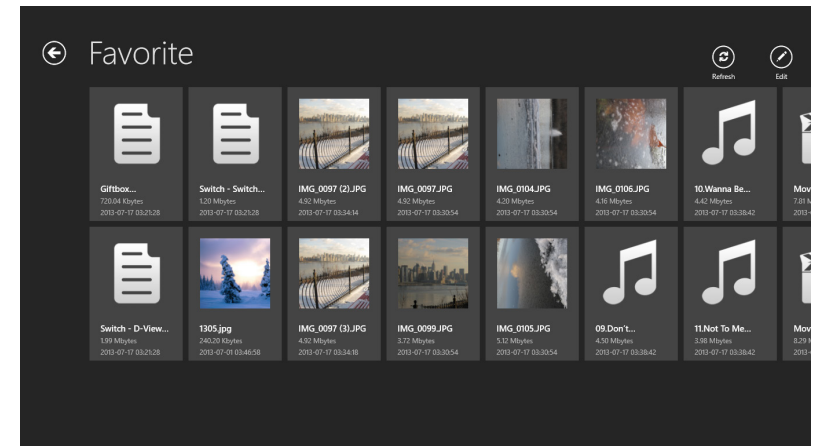
In the *Favorite* browser, tap the file to open it.



Tap **Refresh** to refresh the list of files.



Tap **Edit** to add file to *Favorite* or delete the file. (See list below.)



Tap **Edit** and select a file for the following options:



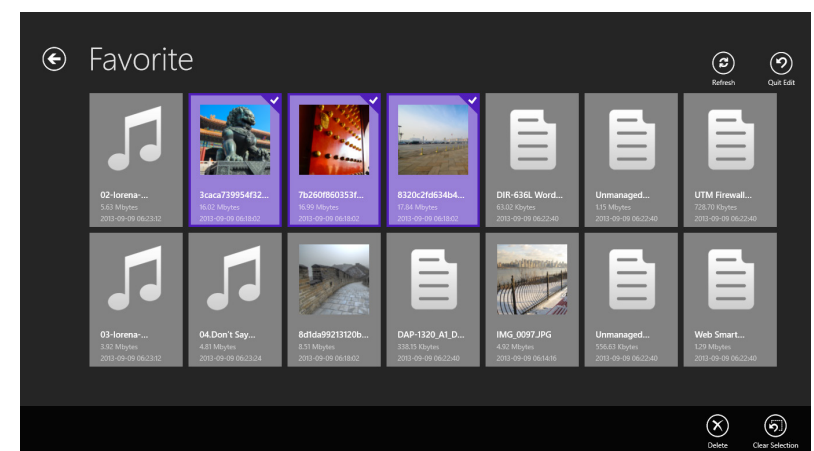
Tap **Quit Edit** to leave the editing screen.



Tap **Delete** to delete the selected file or files.



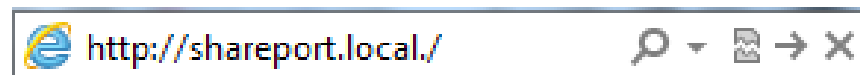
Tap **Clear Selection** to deselect all selected files.



Using SharePort Web Access

SharePort Web Access lets you stream music, photos, and movies from a USB drive attached to your DIR-510L through a web browser. You can also download and upload files to and from a computer through the web browser interface.

- Open a web browser and enter **http://shareport.local./** in the address bar. The *SharePort Web Access* log in page will open.
- Log in with your **Admin Password** or with a SharePort **Username** and **Password**.

A screenshot of the SharePort Web Access login page. The page has a white background with a light gray border. At the top, it says 'SharePort Web Access' in a large, dark font. Below this is a login form with two input fields: 'Username:' and 'Password:'. Below the fields is a blue 'Log In' button. At the bottom of the page, there is a link that says 'To access device management, [click here](#).'

From the main menu, you can browse the files stored on your USB drive by file type.

- Click  in the upper right corner to browse by folders.



The *Folder* screen will display the folder hierarchy on the left, and file information on the right.

You can perform file operations as described below by using the buttons at the top of the screen.

File Operations:


To create a new folder:

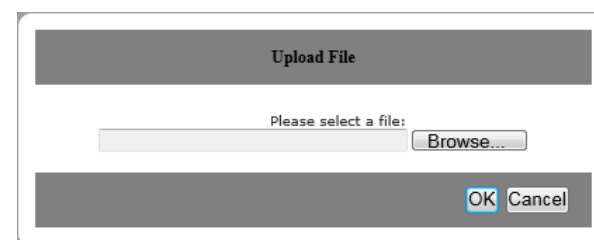
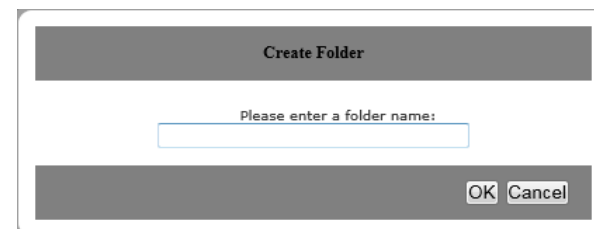
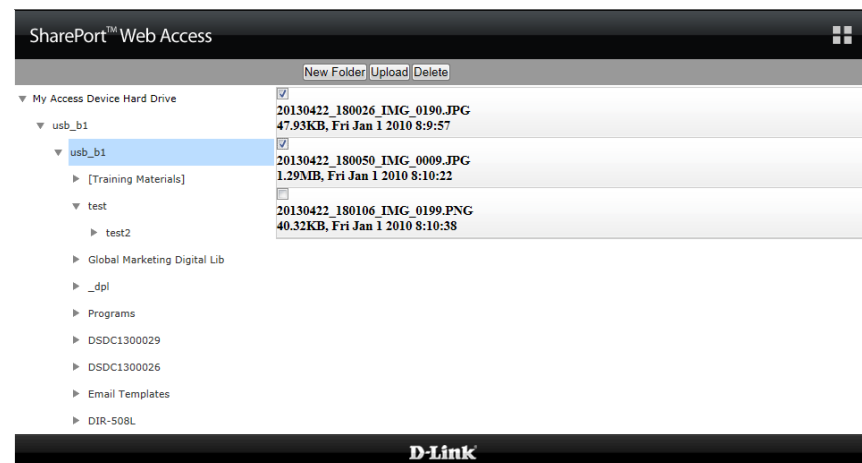
- Click **New Folder** in the current directory.
- Enter a folder **name** in the *Create Folder* pop-up window.
- Click **OK**. The new folder will appear in the left column.

To upload a file:

- Click **Upload** to upload a file to the current folder.
- In the *Upload File* pop-up window, browse to the file you wish to upload.
- Click **OK**. The file will appear after the browser refreshes.

To delete a file:

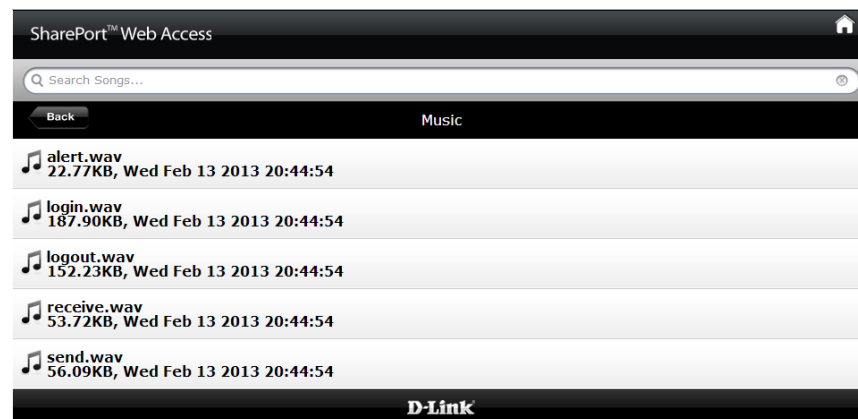
- Tap to check the box next to the files you wish to delete.
- Click **Delete** and a dialog box will open.
- Click **OK** to confirm.
- At any time, you can click  to return to the main menu.



Music

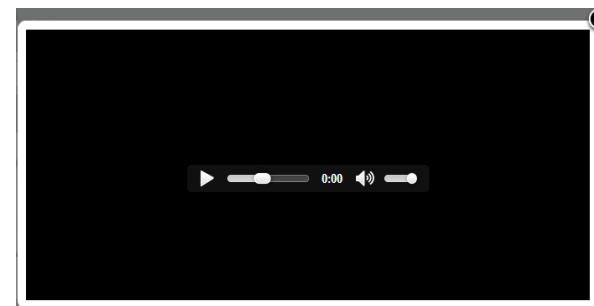
You can go to the *Music* section to browse and play the music files stored on your USB drive connected to your router. Click **Back** to return to the main menu.

- Click on the **file name** to play a song in the web browser. The control window will open.



In the control window, you can tap on the icons to play/pause, and mute the audio. You can use the sliders to seek (fast forward and rewind) and to adjust the volume.

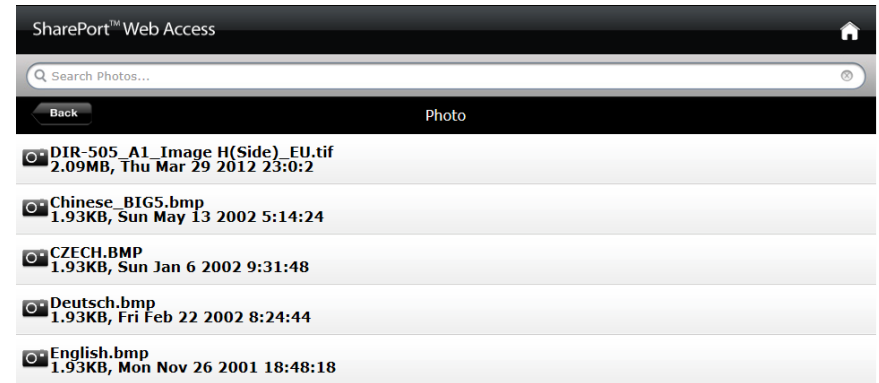
- Click on **(X)** to close the window and end playback.



Pictures

You can go to the *Pictures* section to browse and view the image files stored on your USB drive connected to your router. Click **Back** to return to the main menu.

- Click on the **file name** to view the image in the web browser.



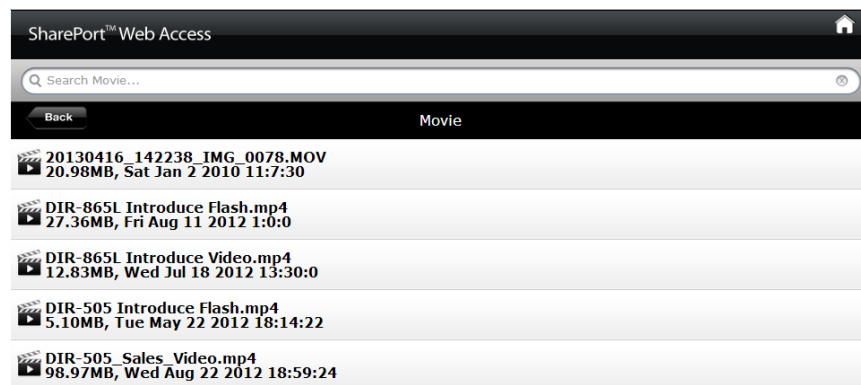
- Hover your mouse over the left side of the image and click < to view the previous image, or hover over the right side and click > to view the next image.



Videos

You can go to the *Videos* section to browse and play the video files stored on your USB drive connected to your router. Click **Back** to return to the main menu.

- Click on the **file name** to open the video file in a window for streaming. The video player will open.



Using the controls at the bottom of the window, you can tap on the icons to play/pause, mute the audio, and activate full screen mode. You can use the sliders to seek (fast forward and rewind) and to adjust the volume.

- Click on **(X)** to close the window and end playback.

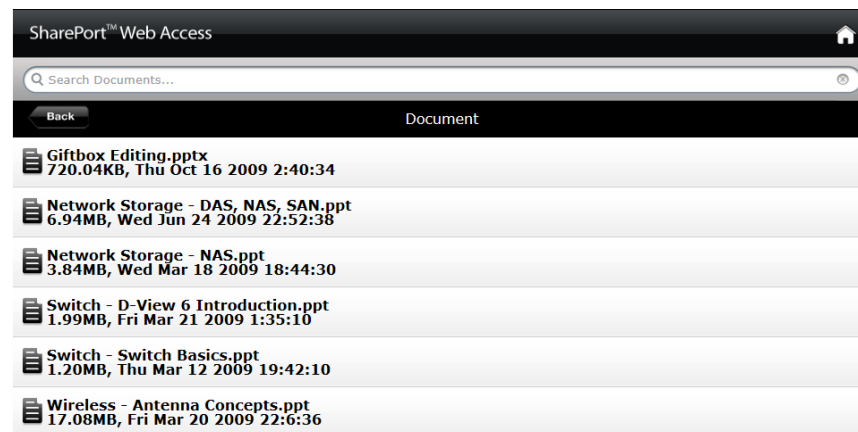


Note: Depending on your browser, the video file may be played back using the default media player associated with that file format.

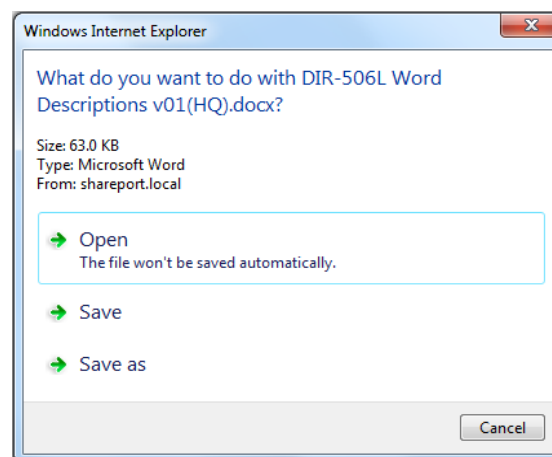
Documents

You can go to the *Documents* section to open and save files from your USB drive to your computer. Click **Back** to return to the main menu.

- Click on the **file name** to open the file.



- Depending on the file type, a default program will start. You may see a pop-up window containing a message that asks if you would like to open or save the file. Click on the preferred option.



Connecting a Wireless Client

WPS Button

The easiest and most secure way to connect your wireless devices to the router is with WPS (Wi-Fi Protected Setup). Most wireless devices such as wireless adapters, media players, Blu-ray DVD players, wireless printers and cameras will have a WPS button (or a software utility with WPS) that you can use to connect to the router. Refer to your user manual for the wireless device you want to connect to make sure you understand how to enable WPS. To connect a wireless client, follow the steps below:

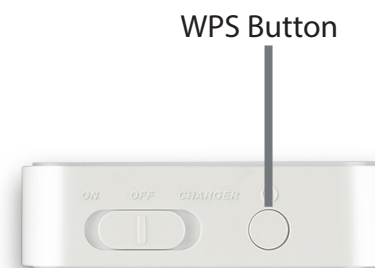
To connect your wireless devices to the router using WPS:

Step 1 - Press the WPS button on the router for a minimum of one second.

The *Power/Status LED* will start blinking green.

Step 2 - Within two minutes, press the WPS button on your wireless client (or launch the software utility and start the WPS process).

Step 3 - Allow up to one minute to configure. Once the *Power/Status LED* stops blinking, you will be connected and your wireless connection will be secure with WPA2.



Windows® 8

WPA/WPA2

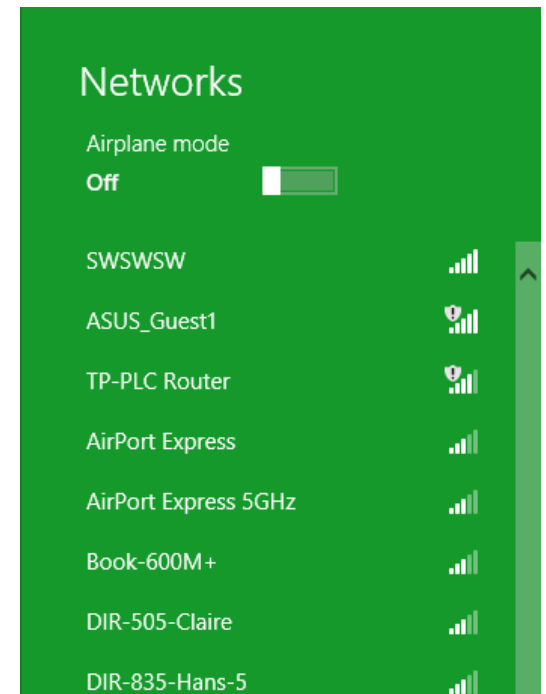
It is recommended to enable wireless security (WPA/WPA2) on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key (Wi-Fi password) being used.

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



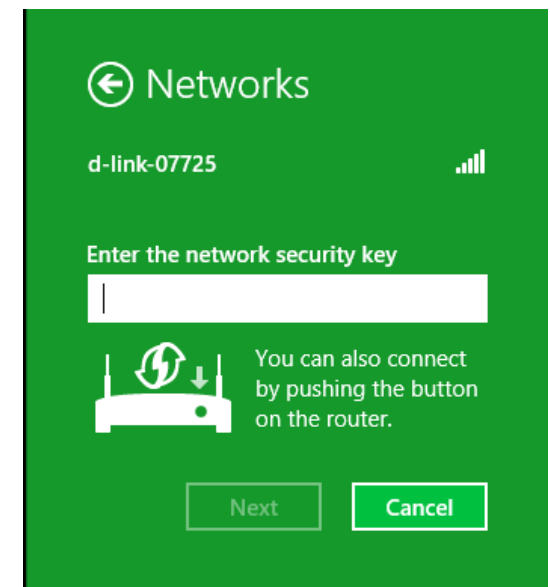
Wireless Icon

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

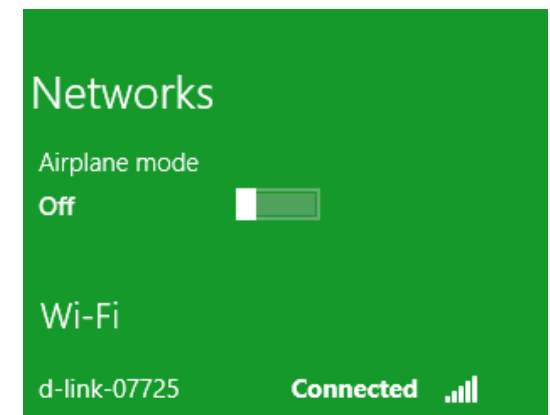


You will then be prompted to enter the **network security key** (Wi-Fi password) for the wireless network. Enter the password into the box and click **Next**.

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



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

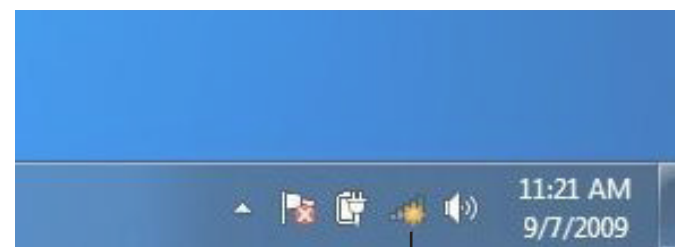


Windows® 7

WPA/WPA2

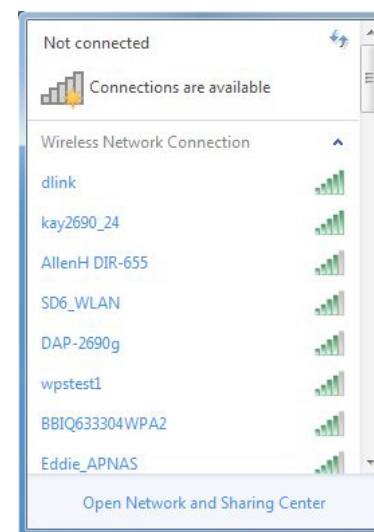
It is recommended to enable wireless security (WPA/WPA2) on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key or passphrase being used.

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



Wireless Icon

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

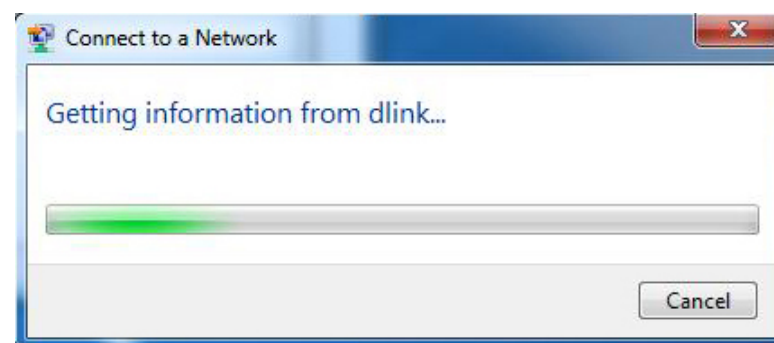


3. Highlight the **Wireless Network Connection** with Wi-Fi name (SSID) you would like to connect to and click the **Connect** button.

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

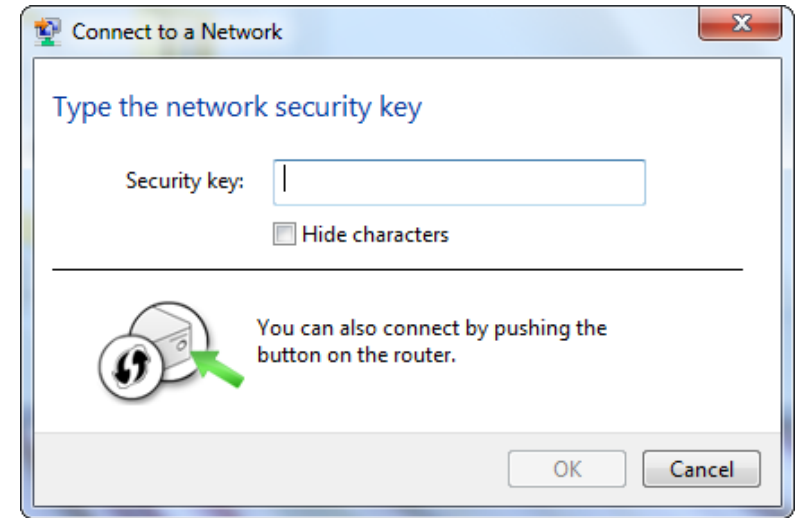


4. The *Connect to a Network* window appears while your computer tries to connect to the router.



5. Enter the same **Security Key** or passphrase (Wi-Fi password) that is on your router and click **Connect**. You can also connect by pushing the WPS button on the router.

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



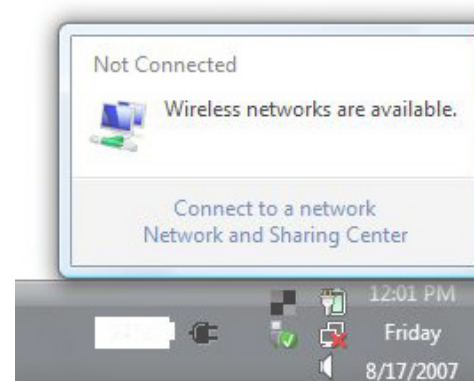
Windows Vista®

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

If you receive the *Wireless Networks Detected* bubble, click on the center of the bubble to access the utility.

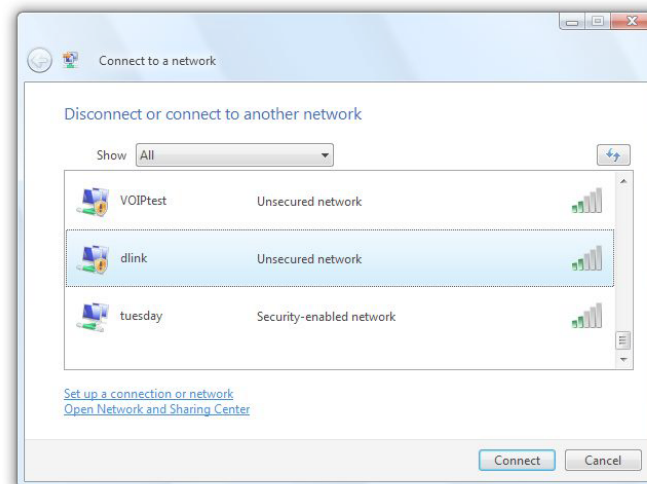
or

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



The utility will display available wireless networks in your area. Select a network (displayed using the SSID) and click the **Connect** button.

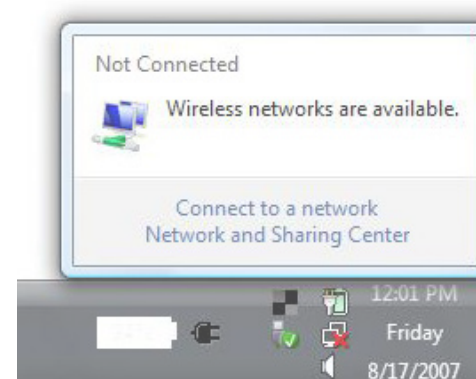
If you have a good signal but cannot access the Internet, check your TCP/IP settings for your wireless adapter. Refer to the *Networking Basics* section in this manual for more information.



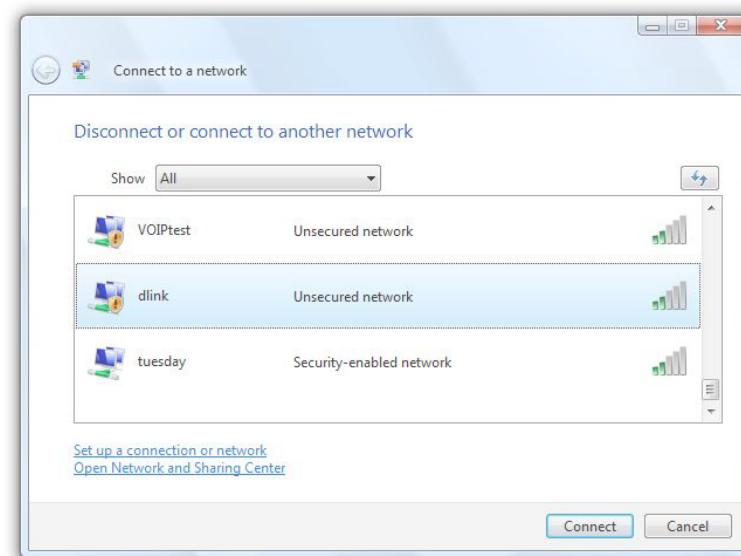
WPA/WPA2

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

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

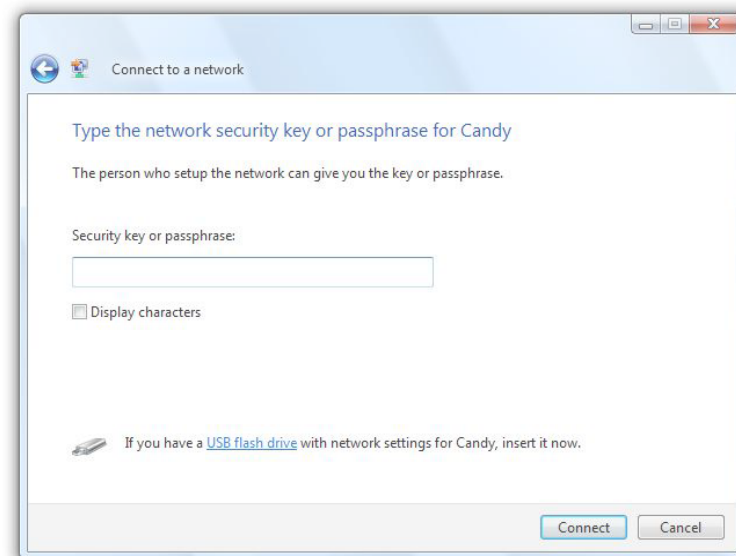


2. Highlight the **wireless network** (SSID) you would like to connect to and click **Connect**.



3. Enter the same **security key** or **passphrase** that is on your router and click **Connect**.

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



Windows® XP

Windows® XP users may use the built-in wireless utility (Zero Configuration Utility). The following instructions are for Service Pack 2 users. If you are using another company's utility, please refer to the user manual of your wireless adapter for help with connecting to a wireless network. Most utilities will have a "site survey" option similar to the Windows® XP utility as seen below.

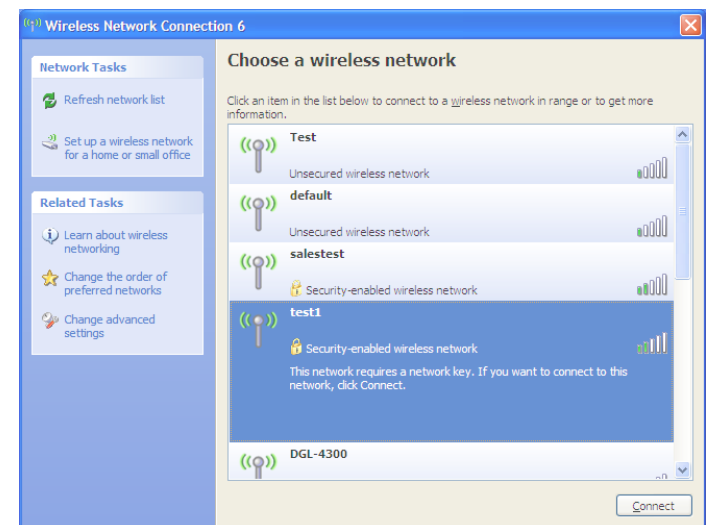
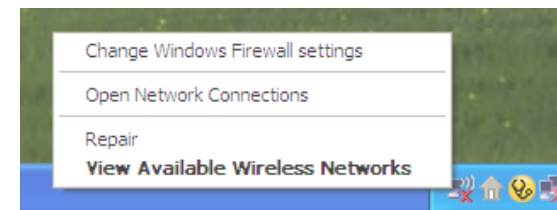
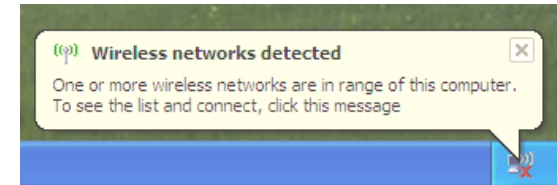
If you receive the *Wireless Networks Detected* bubble, click on the center of the bubble to access the utility.

or

Right-click on the **wireless computer** icon in your system tray (lower-right corner next to the time). Select **View Available Wireless Networks**.

The utility will display any available wireless networks in your area. Click on a **network** (displayed using the SSID) and click the **Connect** button.

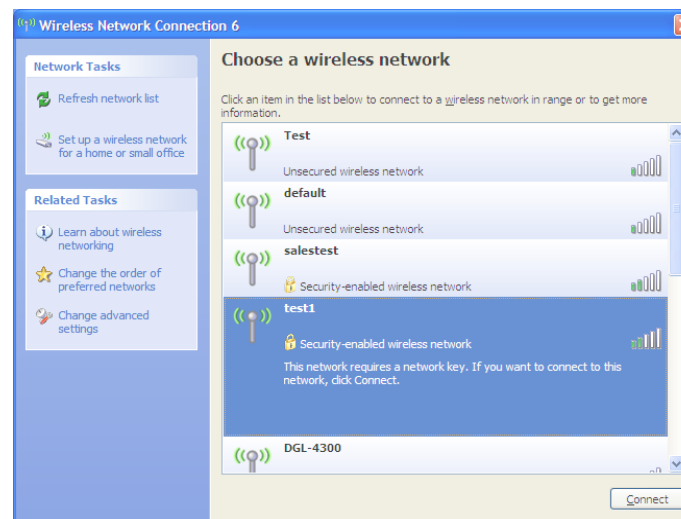
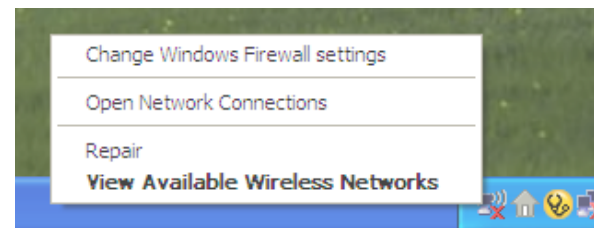
If you get a good signal but cannot access the Internet, check your TCP/IP settings for your wireless adapter. Refer to the *Networking Basics* section in this manual for more information.



WPA/WPA2

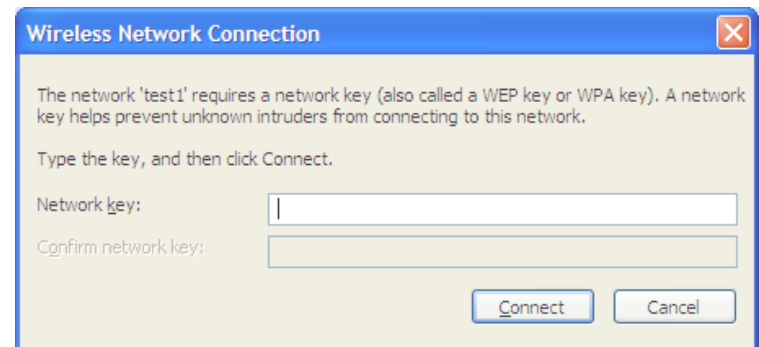
It is recommended to enable WPA on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the WPA key being used.

1. Open the Windows® XP Wireless Utility by right-clicking on the **wireless computer** icon in your system tray (lower-right corner of screen). Select **View Available Wireless Networks**.
2. Highlight the **wireless network** (SSID) you would like to connect to and click **Connect**.



3. The *Wireless Network Connection* box will appear. Enter the WPA-PSK **passphrase** and click **Connect**.

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



Troubleshooting

This chapter provides solutions to problems that can occur during the installation and operation of the DIR-510L. 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 router (for example, **http://192.168.0.1** or **http://dlinkrouter.local./**), 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 the latest version of Java installed on your computer. Visit www.java.com to download.

We recommend the following:

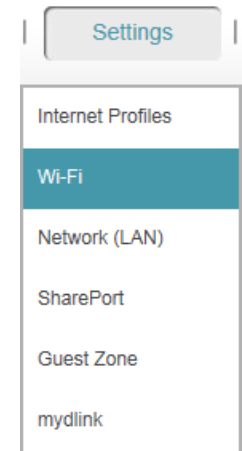
- Microsoft Internet Explorer® 8.0 or higher
- Mozilla Firefox® 12.0 or higher
- Google Chrome™ 20 or higher
- Safari® 5.0 or higher

If you are using the DIR-510L in *Router Mode*, verify physical connectivity between the modem and your router. Make sure your computer or mobile device is connected to the router.

If you are using Wi-Fi to connect to the router or access point, ensure that you are connected to the correct wireless network, and that there are no connectivity problems. If you are still unable to access the configuration utility, try connecting the router to the modem using the included Ethernet cable.

2. How do I change the wireless settings on the DIR-510L ?

1. Open a web browser (e.g., Internet Explorer, Chrome, Firefox, or Safari) and go to **http://dlinkrouter.local./** (or enter **192.168.0.1**).
2. At the login screen, click or tap the **Log In** button (no password by default). You will see the *Current Status* page.
3. Click or tap **DIR-510L** router icon or go to **Settings > Wi-Fi**.
4. Enter a new wireless name and password. Click or tap **Advanced Settings** for more options.



3. Why can't I register my device with mydlink?

If you experience issues when registering this router with your mydlink™ account, try performing a hard reset by using an unfolded paper clip to press and hold the reset button for at least five seconds while the router is powered on.

Unfortunately this process will change all your settings back to the factory defaults. However, this may be necessary if you have purchased an open box or refurbished unit.

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

If you forgot your password, you must reset the DIR-510L. Unfortunately this process will change all your settings back to the factory defaults.

To reset the router, locate the reset button (hole) on the side panel of the unit. With the device powered on, use an unfolded paper clip to hold the button down for at least five seconds. Release the button and the router will go through its reboot process. Wait about 30 seconds to access the device. When logging in, enter the username as **Admin** and leave the password field blank.

Note: If your DIR-510L was registered with mydlink, you must re-register it.



5. How do I add a new wireless client or PC if I have forgotten my wireless network name (SSID) or wireless encryption key?

- If you have not changed your Wi-Fi settings from the factory defaults, you can use the information from the provided Wi-Fi Configuration card to connect to the router.
- If you have changed your Wi-Fi settings, you should access the web-based configuration utility as described on page 9, and complete the *Setup Wizard* again.
- Make sure you write down the settings displayed at the end of the *Setup Wizard*, so that you can enter them into each wirelessly connected device.

6. Why won't the DIR-510L charge when I plug it in with the power adapter?

If you have attached one or more USB devices (such as a 2.5" US B drive) that draws a total of 0.7A or more power, the power adapter will not supply enough voltage to charge the DIR-510L while simultaneously powering the USB devices. Check your USB devices' power usage specifications and disconnect if necessary.

7. Why won't the DIR-510L power on when I plug it in?

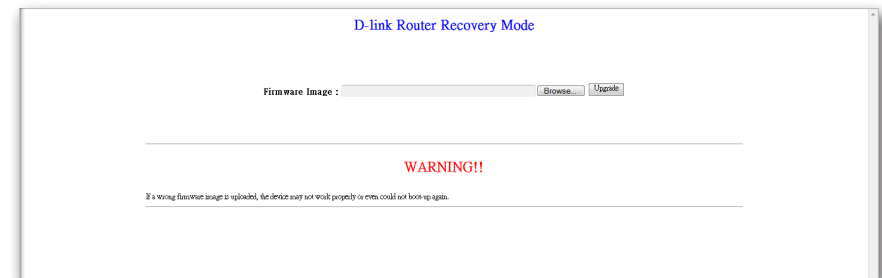
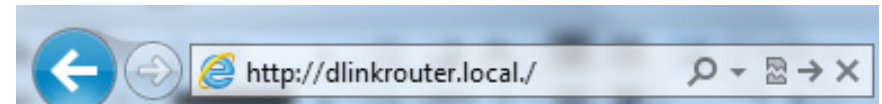
Remove all USB devices from the DIR-510L and charge it before powering on.

8. What happens if the power is cut during firmware upgrade?

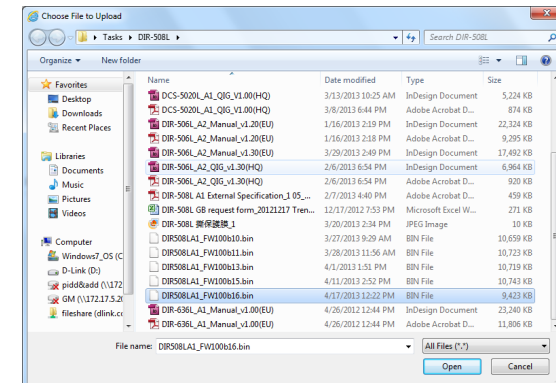
If you can't connect to your device or are having a problem connecting to the admin page, your router may be in recovery mode. This is indicated by a steady blinking orange Power/Status LED.

To recover your device:

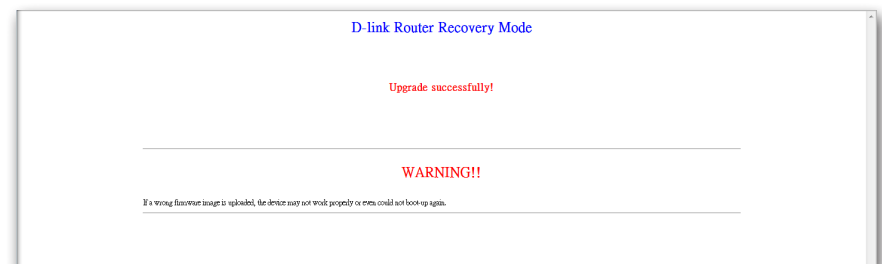
- Connect an Ethernet cable from the router to your computer.
- Open a web browser and enter the IP of your router (**http://dlinkrouter.local./** or **192.168.0.1**, or for XP users enter **http://dlinkrouter**) and press **Enter**.
- The page will show *D-link Router Recovery Mode*. Click **Browse** to select your current or a newer firmware.



- Click **Open** to load it.
- Click **Upgrade**.



- When the screen shows *Upgrade Successfully!*, unplug the Ethernet cable and power off and on the device.
- Please refer to [“Connecting to Your DIR-510L” on page 14](#) to setup your router.



Wireless Basics

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

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

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

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

What is Wireless?

Wireless or Wi-Fi technology is another way of connecting your computer to the network without using wires. Wi-Fi uses radio frequency to connect wirelessly, so you have the freedom to connect computers anywhere in your home or office network.

Why D-Link Wireless?

D-Link is the worldwide leader and award winning designer, developer, and manufacturer of networking products. D-Link delivers the performance you need at a price you can afford. D-Link has all the products you need to build your network.

How does wireless work?

Wireless works similar to how cordless phone work, through radio signals to transmit data from one point A to point B. But wireless technology has restrictions as to how you can access the network. You must be within the wireless network range area to be able to connect your computer. There are two different types of wireless networks Wireless Local Area Network (WLAN), and Wireless Personal Area Network (WPAN).

Wireless Local Area Network (WLAN)

In a wireless local area network, a device called an Access Point (AP) connects computers to the network. The access point has a small antenna attached to it, which allows it to transmit data back and forth over radio signals. With an indoor access point, the signal can travel up to 300 feet. With an outdoor access point the signal can reach out up to 30 miles to serve places like manufacturing plants, industrial locations, college and high school campuses, airports, golf courses, and many other outdoor venues.

Wireless Personal Area Network (WPAN)

Bluetooth is the industry standard wireless technology used for WPAN. Bluetooth devices in WPAN operate in a range up to 30 feet away.

Compared to WLAN the speed and wireless operation range are both less than WLAN, but in return it doesn't use nearly as much power which makes it ideal for personal devices, such as mobile phones, PDAs, headphones, laptops, speakers, and other devices that operate on batteries.

Who uses wireless?

Wireless technology has become so popular in recent years that almost everyone is using it, whether it's for home, office, business, D-Link has a wireless solution for it.

Home

- Gives everyone at home broadband access
- Surf the web, check e-mail, instant message, etc.
- Gets rid of the cables around the house
- Simple and easy to use

Small Office and Home Office

- Stay on top of everything at home as you would at office
- Remotely access your office network from home
- Share Internet connection and printer with multiple computers
- No need to dedicate office space

Where is wireless used?

Wireless technology is expanding everywhere not just at home or office. People like the freedom of mobility and it's becoming so popular that more and more public facilities now provide wireless access to attract people. The wireless connection in public places is usually called "hotspots".

Using a D-Link Cardbus Adapter with your laptop, you can access the hotspot to connect to Internet from remote locations like: Airports, Hotels, Coffee Shops, Libraries, Restaurants, and Convention Centers.

Wireless network is easy to setup, but if you're installing it for the first time it could be quite a task not knowing where to start. That's why we've put together a few setup steps and tips to help you through the process of setting up a wireless network.

Tips

Here are a few things to keep in mind, when you install a wireless network.

Centralize your router or Access Point

Make sure you place the router/access point in a centralized location within your network for the best performance. Try to place the router/access point as high as possible in the room, so the signal gets dispersed throughout your home. If you have a two-story home, you may need a repeater to boost the signal to extend the range.

Eliminate Interference

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

Security

Don't let your next-door neighbors or intruders connect to your wireless network. Secure your wireless network by turning on the WPA or WEP security feature on the router. Refer to product manual for detail information on how to set it up.

Wireless Modes

There are basically two modes of networking:

- **Infrastructure** – All wireless clients will connect to an access point or wireless router.
- **Ad-Hoc** – Directly connecting to another computer, for peer-to-peer communication, using wireless network adapters on each computer, such as two or more wireless network Cardbus adapters.

An Infrastructure network contains an Access Point or wireless router. All the wireless devices, or clients, will connect to the wireless router or access point.

An Ad-Hoc network contains only clients, such as laptops with wireless cardbus adapters. All the adapters must be in Ad-Hoc mode to communicate.

Networking Basics

Check your IP Address

After you install your new D-Link adapter, by default, the TCP/IP settings should be set to obtain an IP address from a DHCP server (i.e. wireless router) automatically. To verify your IP address, please follow the steps below.

In Windows:

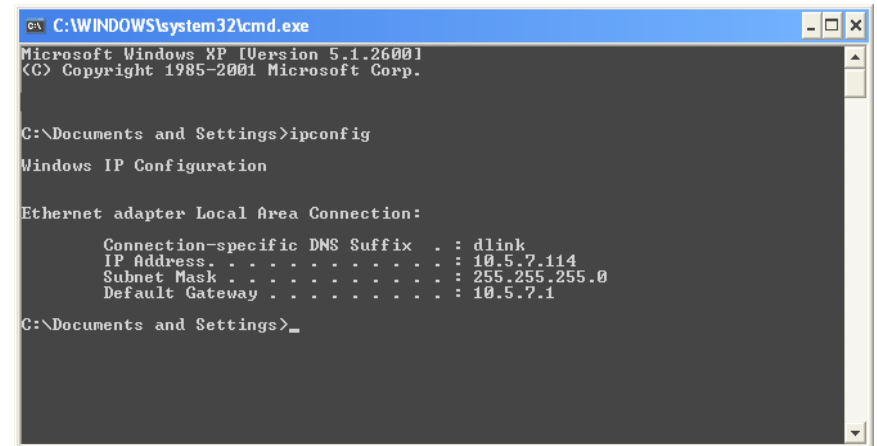
Click on **Start > Run**.

In the run box type **cmd** and click **OK**. (Windows® 7/Vista® users type **cmd** in the *Start Search* box.)

At the prompt, type **ipconfig** and press **Enter**.

This will display the IP address, subnet mask, and the default gateway of your adapter.

If the address is 0.0.0.0, check your adapter installation, security settings, and the settings on your router. Some firewall software programs may block a DHCP request on newly installed adapters.



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : dlink
    IP Address. . . . . : 10.5.7.114
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 10.5.7.1

C:\Documents and Settings>
```


Assign a Static IP address

If you are not using a DHCP capable gateway/router, or you need to assign a static IP address, please follow the steps below:

Step 1

Windows® 7 - Click on **Start > Control Panel > Network and Internet > Network and Sharing Center**.

Windows Vista® - Click on **Start > Control Panel > Network and Internet > Network and Sharing Center > Manage Network Connections**.

Windows® XP - Click on **Start > Control Panel > Network Connections**.

Windows® 2000 - From the desktop, right-click **My Network Places > Properties**.

Step 2

Right-click on the **Local Area Connection** which represents your network adapter and select **Properties**.

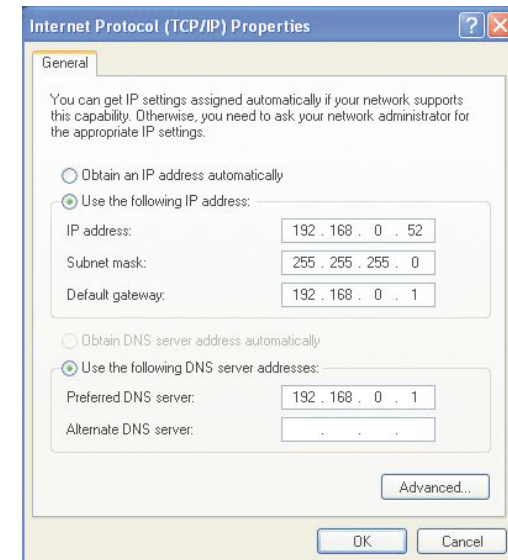
Step 3

Highlight **Internet Protocol (TCP/IP)** and click **Properties**.

Step 4

Click **Use the following IP address** and enter an IP address that is on the same subnet as your network or the LAN IP address on your router.

Example: If the router's LAN IP address is 192.168.0.1 or http://dlinkrouter.local., make your IP address 192.168.0.X where X is a number between 2 and 254. Make sure that the number you choose is not in use on the network. Set the Default Gateway the same as the LAN IP address of your router (I.E. 192.168.0.1 or http://dlinkrouter.local.).



Set Primary DNS the same as the LAN IP address of your router (192.168.0.1 or <http://dlinkrouter.local>). The Secondary DNS is not needed or you may enter a DNS server from your ISP.

Step 5

Click **OK** twice to save your settings.

Technical Specifications

Standards

- IEEE 802.11b/g/n
- IEEE 802.11a/n
- IEEE 802.11ac
- IEEE 802.3u
- IEEE 802.3x

Internet Modes

- Broadband Router Mode
- Mobile Router Mode
- Wi-Fi Hotspot Mode

Wireless Frequency Range ¹

- 802.11b/g/n: 2.4 GHz to 2.497 GHz
- 802.11a/n/ac: 5.15 GHz to 5.85 GHz

Security

- Wi-Fi Protected Access (WPA/WPA2)
- WPS 2.0 (Wi-Fi Protected Setup)

Advanced Features

- mydlink SharePort app for iOS and Android
- SharePort Mobile app for Windows 8/RT
- SharePort Web Access Support
- D-Link Intelligent QoS Technology
- VPN pass-through
- Guest Zone Support
- UPnP™ (DLNA) Support
- IPv6

Transmitter Output Power

IEEE 802.11b:

- 17 dBm at 1, 2, 5.5, 11 Mbps

IEEE 802.11g:

- 18 dBm at 6 to 18 Mbps
- 16 dBm at 24 to 36 Mbps
- 14 dBm at 48 to 54 Mbps

IEEE 802.11n (2.4 GHz):

- 18 dBm at MCS0 to MCS3
- 14 dBm at MCS6 to MCS7
- 19 dBm at MCS12 to MCS13
- 16 dBm at MCS4 to MCS5
- 21 dBm at MCS8 and MCS11
- 17 dBm at MCS14 to MCS15

IEEE 802.11n (5 GHz):

- 18 dBm at MCS0 to MCS3
- 14 dBm at MCS6 to MCS7
- 19 dBm at MCS12 to MCS13
- 16 dBm at MCS4 to MCS5
- 21 dBm at MCS8 and MCS11
- 17 dBm at MCS14 to MCS15

IEEE 802.11ac (5 GHz):

- 18 dBm at MCS0 to MCS3
- 14 dBm at MCS6 to MCS7
- 19 dBm at MCS12 to MCS13
- 16 dBm at MCS4 to MCS5
- 21 dBm at MCS8 and MCS11
- 17 dBm at MCS14 to MCS15

Receiver Sensitivity¹

IEEE 802.11b:

- -89 dBm at 1 Mbps
- -85 dBm at 5.5 Mbps
- -87 dBm at 2 Mbps
- -82 dBm at 11 Mbps

¹ Maximum wireless signal rate derived from IEEE Standard 802.11b, 802.11g, and 802.11n 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 regulations.

IEEE 802.11g:

- -82 dBm at 6 Mbps
- -79 dBm at 12 Mbps
- -74 dBm at 24 Mbps
- -67 dBm at 48 Mbps
- -81 dBm at 9 Mbps
- -77 dBm at 18 Mbps
- -71 dBm at 36 Mbps
- -66 dBm at 54 Mbps

IEEE 802.11n HT20(MHz):

- -82 dBm at MCS0, MCS8
- -77 dBm at MCS2, MCS10
- -70 dBm at MCS4, MCS12
- -65 dBm at MCS6, MCS14
- -79 dBm at MCS1, MCS9
- -74 dBm at MCS3, MCS11
- -66 dBm at MCS5, MCS13
- -64 dBm at MCS7, MCS15

IEEE 802.11n HT40(MHz):

- -79 dBm at MCS0, MCS8
- -74 dBm at MCS2, MCS10
- -67 dBm at MCS4, MCS12
- -62 dBm at MCS6, MCS14
- -76 dBm at MCS1, MCS9
- -71 dBm at MCS3, MCS11
- -63 dBm at MCS5, MCS13
- -61 dBm at MCS7, MCS15

USB Interface

- USB 2.0 Type A
- Micro USB-B

Embedded Battery

- 4000 mAh (Li-ion) power capacity¹
- OCP, OVP, OTP, SCP protection

Electrical

- Power Input: Max 1800 mA (standard adapter); 1000 mA (USB 2.0 port)
- Max Operating Voltage: 5 V
- Max Power Consumption: 14 W
- USB 1 A Output: Max 1000 mA
- USB 0.5 A Output: Max 500 mA

Operating Temperature

- 32° to 104° F (0° to 40 °C)

Storage Temperature

- -4° to 149 °F (-20° to 65 °C)

Operating Humidity

- 10% to 90% non-condensing

Storage Humidity

- 5% to 95% non-condensing

Certifications

- FCC/CE/cUL

Dimensions

- 5.51 x 2.32 x 0.63 inches (140 x 59 x 16 mm)

Weight

- 0.34 lbs (154 g)

mydlink SharePort App Supported File Formats for iOS and Android

Video:

- .mp4, .mov, .m4v

Music:

- .mp3, .wav, .m4a

Image:

- .jpg, .bmp, .png

Document:

- Microsoft Office formats, .pdf

¹ Actual usable capacity may vary depending on charging conditions.

Contacting Technical Support

U.S. and Canadian customers can contact D-Link technical support through our web site or by phone.

Before you contact technical support, please have the following ready:

- Model number of the product (e.g. DIR-510L)
- Hardware Revision (located on the label on the bottom of the router (e.g. rev A1))
- Serial Number (s/n number located on the label on the bottom of the router).

You can find software updates and user documentation on the D-Link website as well as frequently asked questions and answers to technical issues.

For customers within the United States:

Phone Support:

(877) 453-5465

Internet Support:

<http://support.dlink.com>

For customers within Canada:

Phone Support:

(800) 361-5265

Internet Support:

<http://support.dlink.ca>

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<http://tsd.dlink.com.tw/GPL.asp>

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Where such specific license terms entitle you to the source code of such software, D-Link will provide upon written request via email and/or traditional paper mail the applicable GPL and LGPL source code files via CD-ROM for a nominal cost to cover shipping and media charges as allowed under the GPL and LGPL.

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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For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps:

(1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

“This License” refers to version 3 of the GNU General Public License.

“Copyright” also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

“The Program” refers to any copyrightable work licensed under this License. Each licensee is addressed as “you”. “Licensees” and “recipients” may be individuals or organizations.

To “modify” a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a “modified version” of the earlier work or a work “based on” the earlier work.

A “covered work” means either the unmodified Program or a work based on the Program.

To “propagate” a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To “convey” a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays “Appropriate Legal Notices” to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.

A “Standard Interface” means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The “System Libraries” of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A “Major Component”, in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The “Corresponding Source” for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work’s System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

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No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

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5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
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A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A “User Product” is either (1) a “consumer product”, which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, “normally used” refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

“Installation Information” for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

“Additional permissions” are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

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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.

Warranty

Subject to the terms and conditions set forth herein, D-Link Systems, Inc. ("D-Link") provides this Limited Warranty:

- Only to the person or entity that originally purchased the product from D-Link or its authorized reseller or distributor, and
- Only for products purchased and delivered within the fifty states of the United States, the District of Columbia, U.S. Possessions or Protectorates, U.S. Military Installations, or addresses with an APO or FPO.

Limited Warranty:

D-Link warrants that the hardware portion of the D-Link product described below ("Hardware") will be free from material defects in workmanship and materials under normal use from the date of original retail purchase of the product, for the period set forth below ("Warranty Period"), except as otherwise stated herein.

- Hardware: One (1) year
- Power supplies and fans: One (1) year
- Spare parts and spare kits: Ninety (90) days

The customer's sole and exclusive remedy and the entire liability of D-Link and its suppliers under this Limited Warranty will be, at D-Link's option, to repair or replace the defective Hardware during the Warranty Period at no charge to the original owner or to refund the actual purchase price paid. Any repair or replacement will be rendered by D-Link at an Authorized D-Link Service Office. The replacement hardware need not be new or have an identical make, model or part. D-Link may, at its option, replace the defective Hardware or any part thereof with any reconditioned product that D-Link reasonably determines is substantially equivalent (or superior) in all material respects to the defective Hardware.

Repaired or replacement hardware will be warranted for the remainder of the original Warranty Period or ninety (90) days, whichever is longer, and is subject to the same limitations and exclusions. If a material defect is incapable of correction, or if D-Link determines that it is not practical to repair or replace the defective Hardware, the actual price paid by the original purchaser for the defective Hardware will be refunded by D-Link upon return to D-Link of the defective Hardware. All Hardware or part thereof that is replaced by D-Link, or for which the purchase price is refunded, shall become the property of D-Link upon replacement or refund.

Limited Software Warranty:

D-Link warrants that the software portion of the product ("Software") will substantially conform to D-Link's then current functional specifications for the Software, as set forth in the applicable documentation, from the date of original retail purchase of the Software for a period of ninety (90) days ("Software Warranty Period"), provided that the Software is properly installed on approved hardware and operated as contemplated in its documentation. D-Link further warrants that, during the Software Warranty Period, the magnetic media on which D-Link delivers the Software will be free of physical defects. The customer's sole and exclusive remedy and the entire liability of D-Link and its suppliers under this Limited Warranty will be, at D-Link's option, to replace the non-conforming Software (or defective media) with software that substantially conforms to D-Link's functional specifications for the Software or to refund the portion of the actual purchase price paid that is attributable to the Software. Except as otherwise agreed by D-Link in writing, the replacement Software is provided only to the original licensee, and is subject to the terms and conditions of the license granted by D-Link for the Software. Replacement Software will be warranted for the remainder of the original Warranty Period and is subject to the same limitations and exclusions. If a material non-conformance is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to replace the non-conforming Software, the price paid by the original licensee for the non-conforming Software will be refunded by D-Link; provided that the non-conforming Software (and all copies thereof) is first returned to D-Link. The license granted respecting any Software for which a refund is given automatically terminates.

Non-Applicability of Warranty:

The Limited Warranty provided hereunder for Hardware and Software portions of D-Link's products will not be applied to and does not cover any refurbished product and any product purchased through the inventory clearance or liquidation sale or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product and in that case, the product is being sold "As-Is" without any warranty whatsoever including, without limitation, the Limited Warranty as described herein, notwithstanding anything stated herein to the contrary.

Submitting A Claim (USA):

The customer shall return the product to the original purchase point based on its return policy. In case the return policy period has expired and the product is within warranty, the customer shall submit a claim to D-Link as outlined below:

- The customer must submit with the product as part of the claim a written description of the Hardware defect or Software nonconformance in sufficient detail to allow D-Link to confirm the same, along with proof of purchase of the product (such as a copy of the dated purchase invoice for the product) if the product is not registered.
- The customer must obtain a Case ID Number from D-Link Technical Support at 1-877-453-5465, who will attempt to assist the customer in resolving any suspected defects with the product. If the product is considered defective, the customer must obtain a Return Material Authorization ("RMA") number by completing the RMA form and entering the assigned Case ID Number at <https://rma.dlink.com/>.
- After an RMA number is issued, the defective product must be packaged securely in the original or other suitable shipping package to ensure that it will not be damaged in transit, and the RMA number must be prominently marked on the outside of the package. Do not include any manuals or accessories in the shipping package. D-Link will only replace the defective portion of the product and will not ship back any accessories.
- The customer is responsible for all in-bound shipping charges to D-Link. No Cash on Delivery ("COD") is allowed. Products sent COD will either be rejected by D-Link or become the property of D-Link. Products shall be fully insured by the customer and shipped to **D-Link Systems, Inc., 17595 Mt. Herrmann, Fountain Valley, CA 92708**. D-Link will not be held responsible for any packages that are lost in transit to D-Link. The repaired or replaced packages will be shipped to the customer via UPS Ground or any common carrier selected by D-Link. Return shipping charges shall be prepaid by D-Link if you use an address in the United States, otherwise we will ship the product to you freight collect. Expedited shipping is available upon request and provided shipping charges are prepaid by the customer. D-Link may reject or return any product that is not packaged and shipped in strict compliance with the foregoing requirements, or for which an RMA number is not visible from the outside of the package. The product owner agrees to pay D-Link's reasonable handling and return shipping charges for any product that is not packaged and shipped in accordance with the foregoing requirements, or that is determined by D-Link not to be defective or non-conforming.

Submitting A Claim (Canada):

The customer shall return the product to the original purchase point based on its return policy. In case the return policy period has expired and the product is within warranty, the customer shall submit a claim to D-Link as outlined below:

- Customers need to provide their receipt (proof of purchase) even if the product is registered. Without a receipt, no warranty service will be done. The registration is not considered a proof of purchase.
- The customer must submit with the product as part of the claim a written description of the Hardware defect or Software nonconformance in sufficient detail to allow D-Link to confirm the same, along with proof of purchase of the product (such as a copy of the dated purchase invoice for the product) if the product is not registered.
- The customer must obtain a Case ID Number from D-Link Technical Support at 1-800-361-5265, who will attempt to assist the customer in resolving any suspected defects with the product. If the product is considered defective, the customer must obtain a Return Material Authorization ("RMA") number by completing the RMA form and entering the assigned Case ID Number at <https://rma.dlink.ca/>.
- After an RMA number is issued, the defective product must be packaged securely in the original or other suitable shipping package to ensure that it will not be damaged in transit, and the RMA number must be prominently marked on the outside of the package. Do not include any manuals or accessories in the shipping package. D-Link will only replace the defective portion of the product and will not ship back any accessories.
- The customer is responsible for all in-bound shipping charges to D-Link. No Cash on Delivery ("COD") is allowed. Products sent COD will be rejected by D-Link. Products shall be fully insured by the customer and shipped to D-Link Networks, Inc., 2525 Meadowvale Boulevard Mississauga, Ontario, L5N 5S2 Canada. D-Link will not be held responsible for any packages that are lost in transit to D-Link. The repaired or replaced packages will be shipped to the customer via Purolator Canada or any common carrier selected by D-Link. Return shipping charges shall be prepaid by D-Link if you use an address in Canada, otherwise we will ship the product to you freight collect. Expedited shipping is available upon request and provided shipping charges are prepaid by the customer. D-Link may reject or return any product that is not packaged and shipped in strict compliance with the foregoing requirements, or for which an RMA number is not visible from the outside of the package. The product owner agrees to pay D-Link's reasonable handling and return shipping charges for any product that is not packaged and shipped in accordance with the foregoing requirements, or that is determined by D-Link not to be defective or non-conforming.
- RMA phone number: 1-800-361-5265 Hours of Operation: Monday-Friday, 9:00AM – 9:00PM EST

What Is Not Covered:

The Limited Warranty provided herein by D-Link does not cover:

Products that, in D-Link's judgment, have been subjected to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, repair or service in any way that is not contemplated in the documentation for the product, or if the model or serial number has been altered, tampered with, defaced or removed; Initial installation, installation and removal of the product for repair, and shipping costs; Operational adjustments covered in the operating manual for the product, and normal maintenance; Damage that occurs in shipment, due to act of God, failures due to power surge, and cosmetic damage; Any hardware, software, firmware or other products or services provided by anyone other than D-Link; and Products that have been purchased from inventory clearance or liquidation sales or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product.

While necessary maintenance or repairs on your Product can be performed by any company, we recommend that you use only an Authorized D-Link Service Office. Improper or incorrectly performed maintenance or repair voids this Limited Warranty.

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This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

FCC 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.

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.

FCC Caution:

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

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 20cm between the radiator & your body. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting.

The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

ICC Notice:

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.

IMPORTANT NOTE:

IC Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Règlement d'Industry Canada:

Les conditions de fonctionnement sont sujettes à deux conditions:

- 1) Ce périphérique ne doit pas causer d'interférence et.
- 2) Ce périphérique doit accepter toute interférence, y compris les interférences pouvant perturber le bon fonctionnement de ce périphérique.

The Class [B] digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.

Cet appareil numérique de la class [B] respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Registration

Register your product online at registration.dlink.com



Product registration is entirely voluntary and failure to complete or return this form will not diminish your warranty rights.

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