D-Link[®]



User Manual

Wireless AC750 Dual Band Gigabit Cloud Router

DIR-818LW

Preface

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

Manual Revisions

Revision	Date	Description	
1.00	January 13, 2014	Initial release for Revision A1	
2.00	July 03, 2014	• Initial release	
2.10	July 18, 2014	Update P.88~89 PPPoE internet setting	

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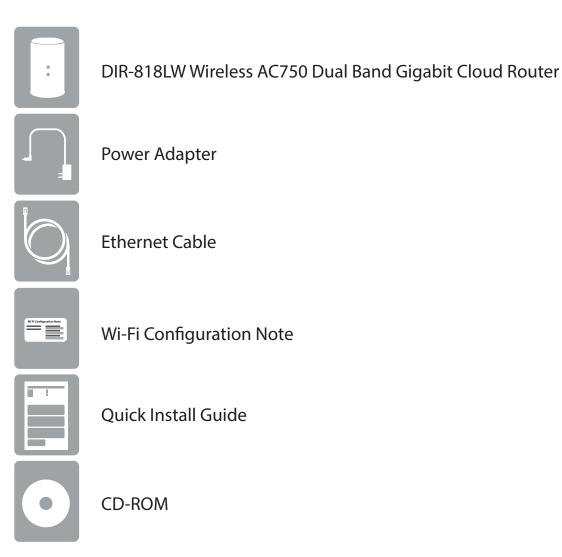
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Package Contents



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-818LW will cause damage and void the warranty for this product.

System Requirements

Network Requirements	 An Ethernet-based cable or DSL modem 802.11ac, n, g, b, or a wireless or Ethernet port 	
Web-based Configuration	 Computer with the following: Windows®, Macintosh, or Linux-based operating system An installed Ethernet adapter Browser Requirements: Internet Explorer 8 or higher 	
Utility Requirements	 Firefox 12 or higher Safari 4 or higher Chrome 20 or higher 	
	Windows [®] Users: Make sure you have the latest version of Java installed. Visit www.java.com to download the latest version.	
 iPhone/iPad/iPod Touch (iOS 6.0 or higher) Android device (2.3.3 or higher) Computer with the following browser requirement Internet Explorer 8 or higher Firefox 12 or higher Safari 4 or higher Chrome 20 or higher 		
	iPhone, iPad, and iPod touch are registered trademarks of Apple Inc. Android is a trademark of Google, Inc.	

Introduction

The D-Link DIR-818LW Wireless AC750 Dual Band Gigabit Cloud Router shares your Internet connection over a blazing-fast Wireless AC connection. It also comes equipped with four Gigabit ports to provide speeds up to 10x faster than standard 10/100 ports. With the addition of Quality of Service (QoS), data streams are separated, which helps organize and prioritize your network traffic so your video streaming, gaming, and VoIP calls run smoother over both your wired and wireless network.

The DIR-818LW supports a host of cloud features including QRS Mobile, which allows you to setup and configure the router using a mobile app. You can set up your router right from your sofa, no PC required.

The Wireless AC750 Dual Band Gigabit Cloud Router is also mydlink-enabled, which gives you access to your home network no matter where you go. Now you can monitor and manage your home network right from your laptop, iPhone[®], iPad[®], or Android[™] device. mydlink-enabled routers can be configured to send an email to keep you informed anywhere, anytime when new devices are connecting to your network or unwanted access is detected. Monitor in real-time websites that are being visited with recent browser history displayed on the mydlink[™] Lite app – which is great for parents.

SharePort technology lets you take advantage of the USB port found on the back of your DIR-818LW. Plug in a USB storage drive and you can use the mydlink SharePort[™] app for iPad[®], iPhone[®], iPod Touch[®], and Android[™] device to access files, stream videos, view photos, or listen to music on your laptop or mobile devices.

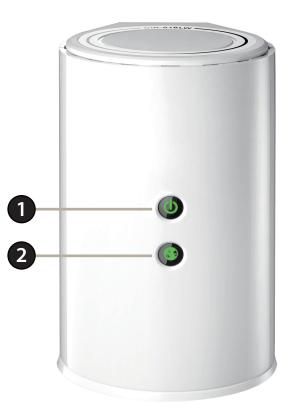
The DIR-818LW Wireless AC750 Dual Band Gigabit Cloud Router provides incredible wireless speeds, fast Gigabit Ethernet ports, cloud features, and terrific security features. Its compact design stays out of your way, and installation is easy and fast.

Features

- Faster Wireless Networking The DIR-818LW Wireless AC technology provides a wireless connection with speeds of up to 750 Mbps^{*} with concurrent 801.11ac and 802.11n wireless clients . It also operates on both the 2.4 GHz and 5 GHz bands to allow separation of traffic so users can participate in high-bandwidth activities, such as video streaming, online gaming, and real-time audio, without affecting low-priority traffic like email and web surfing.
- **Cloud Features** The DIR-818LW supports the QRS Mobile app to setup the router using a mobile device. It is also mydlink-enabled so you can remotely access and manage your DIR-818LW from a mobile device. The mydlink SharePort[™] app can be used to share files, stream videos, view photos, and play music, and SharePort Plus lets you share a printer.
- **Compatible with 802.11n/g/b/a Devices** The DIR-818LW is still fully compatible with IEEE 802.11n, 802.11g and 802.11a standards, so it can connect with existing 802.11n, 802.11g, 802.11b, and 802.11a wireless devices.
- Advanced Firewall Features The web-based user interface displays a number of advanced network management features including:
 - **Content Filtering** Easily applied content filtering based on MAC address, URL, and/or domain name.
 - Filter Scheduling These filters can be scheduled to be active on certain days, or for a duration of hours or minutes.
 - Secure Multiple/Concurrent Sessions The DIR-818LW can pass through VPN sessions. It supports multiple and concurrent IPSec and PPTP sessions, so users behind the DIR-818LW can securely access corporate networks.
- User-friendly Setup Wizard Through its easy-to-use web-based user interface, the DIR-818LW lets you control what information is accessible to those on the wireless network, whether from the Internet, or from your company's server. Configure your router to your specific settings within minutes.

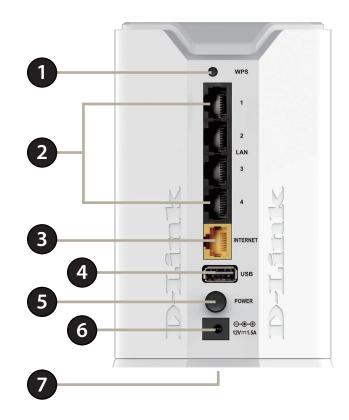
^{*} Maximum wireless signal rate derived from IEEE Standard 802.11a, 802.11b, 802.11g, 802.11n, and 802.11ac specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental conditions will adversely affect wireless signal range.

Hardware Overview Front View



1	Power LED	A solid green light indicates a proper connection to the power supply. The light will be a solid orange during boot up.
2	Internet LED	A solid green light indicates connection on the Internet port. If the LED is orange, the connection is good but the router cannot connect to the Internet.

Back View



1	WPS Button Press to start the WPS process and automatically create a secure connection to a WPS client.		
2	2 Gigabit LAN Ports (1-4) Connect Ethernet devices such as computers, switches, storage (NAS) devices and game consoles.		
3	3 Gigabit Internet Port Using an Ethernet cable, connect your broadband modem to this port.		
4	USB 2.0 Port	Port Connect a USB flash drive to share content, or connect it to a USB printer to share it on your network.	
5	Power Button Press the power button to power on and off.		
6	Power Receptor	Receptor for the supplied power adapter.	
7	Reset Button	Insert a paperclip in the hole and wait for several seconds to reset the router to default settings.	

Installation

This section will walk you through the installation process. Placement of the router is very important. Do not place the router in an enclosed area such as a closet, cabinet, or in the attic or garage.

Before you Begin

- Please configure the router with the computer that was last connected directly to your modem.
- You can only use the Ethernet port on your modem. If you were using the USB connection before using the router, then you must turn off your modem, disconnect the USB cable and connect an Ethernet cable to the Internet port on the router, and then turn the modem back on. In some cases, you may need to call your ISP to change connection types (USB to Ethernet).
- If you have DSL and are connecting via PPPoE, make sure you disable or uninstall any PPPoE software such as WinPoET, BroadJump, or EnterNet 300 from your computer or you will not be able to connect to the Internet.

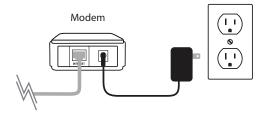
Wireless Installation Considerations

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 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:

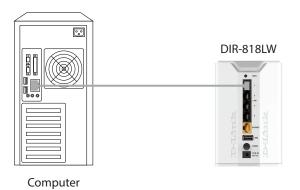
- 1. Keep the number of walls and ceilings between the D-Link router and other network devices to a minimum each wall or ceiling can reduce your adapter's range from 3-90 feet (1-30 meters.) Position your devices so that the number of walls or ceilings is minimized.
- 2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (0.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle it looks over 42 feet (14 meters) thick! Position devices so that the signal will travel straight through a wall or ceiling (instead of at an angle) for better reception.
- 3. Building materials make a difference. A solid metal door or aluminum studs may have a negative effect on range. Try to position 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.

Manual Setup

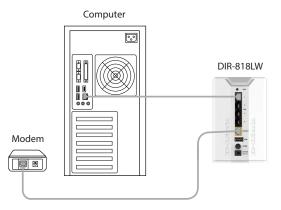
1. Turn off and unplug your cable or DSL broadband modem. This is required.



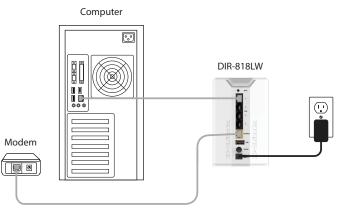
- 2. Position your router close to your modem and a computer. Place the router in an open area of your intended work area for better wireless coverage.
- 3. Unplug the Ethernet cable from your modem (or existing router if upgrading) that is connected to your computer. Plug it into the LAN port labeled **1** on the back of your router. The router is now connected to your computer.



4. Plug one end of the included Ethernet cable that came with your router into the yellow port labeled INTERNET on the back of the router. Plug the other end of this cable into the Ethernet port on your modem.



- 5. Reconnect the power adapter to your cable or DSL broadband modem and wait for two minutes.
- 6. Connect the supplied power adapter into the power receptor on the back of the router and then plug it into a power outlet or surge protector. Press the power button and verify that the power LED is lit. Allow 1 minute for the router to boot up.



7. If you are connecting to a broadband service, you may be online already and further configuration will be optional.

Getting Started

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

- **D-Link Setup Wizard** This wizard will launch when you log into the router for the first time. Refer to page 12.
- **QRS Mobile App** Use your iPhone, iPad, or iPod Touch to configure your router. Refer to page 17.
- Manual Setup Log into the router and manually configure your router. Refer to page 67

Setup Wizard

If this is your first time installing the router, open your web browser and enter **http://dlinkrouter.local./** in the address bar. Alternatively, enter the IP address of the router (default: **http://192.168.0.1**). Please refer to page 67.

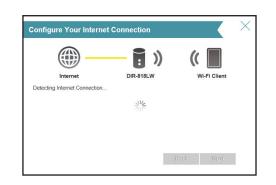
The wizard is designed to guide you through a step-by-step process to configure your new D-Link router and connect to the Internet.

Click **Next** to continue.

Please wait while your router detects your Internet connection type. If the router detects your Internet connection, you may need to enter your ISP information such as username and password.



Welcome





Section 3 - Getting Started

If the router does not detect a valid Internet connection, a list of connection types to choose from will be displayed.

Select your Internet connection type (this information can be obtained from your Internet service provider) and click Next to continue.

If the router detected or you selected **PPPoE**, enter your PPPoE username and password and click Next to continue.

Note: Make sure to remove your PPPoE software from your computer. The software is no longer needed and will not work through a router.

If the router detected or you selected **Static**, enter the IP and DNS settings supplied by your ISP. Click Next to continue.



DIR-818I V

Choose this if your Internet connection automatically provides you with an IP Address

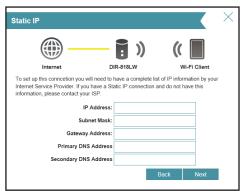
Wi-Fi Client

Configure Your Internet Connection

DHCP Connection (Dynamic IP Address)

()

Internet Please select your Internet connection type below





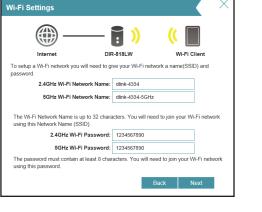
For both the 2.4 GHz and 5 GHz segments, create a Wi-Fi network name (SSID) using up to 32 characters.

Create a Wi-Fi password (between 8-63 characters). Your wireless clients will need to have this passphrase or key entered to be able to connect to your wireless network.

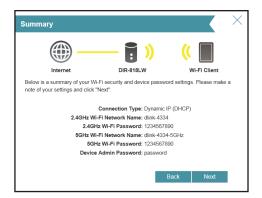
Click Next to continue.

In order to secure the router, please enter a new password. You will be prompted for this password every time you want to use the router's web configuration utility. Click **Next** to continue.

The Summary window will display your settings. Click **Next** if you are satisfied, or click **Back** to make changes to them.







To use the mydlink service (**www.mydlink.com** or the mydlink Lite app), you must have an account. Select **Yes** if you have a mydlink account already, or **No** if you want to create one. Click **Next** to continue.

If you do not want to register at this time, click Skip.

If you clicked **Yes**, enter your mydlink account name (email address) and password. Click **Next** to register your mydlink account with the router.

If you clicked **No**, fill out the requested information and click **Next** to create your mydlink account.

At the end of the wizard, you will be presented with a final summary of your settings. Click **Finish** to close the wizard.









Section 3 - Getting Started

The mydlink App will allow you to receive notices, browse network users, and configure your router from an iPhone/iPad/iPod Touch (iOS 3.0 or higher), or Android device (1.6 or higher).

To download the "mydlink Lite" app, visit the Apple Store, Android Market or **http://www.mydlink.com/apps**.

PC and Mac users can use the mydlink portal at http://mydlink.com.





QRS Mobile App

QRS Mobile app allows you to install and configure your router from your mobile device. **Note:** The screenshots may be different depending on your mobile device's OS version.

Step 1

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







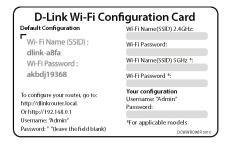
Step 2

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

Step 3

Once you connect to the router, launch the QRS Mobile app from the Home screen of your device.

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





Step 4

You will see the welcome screen. Tap **Start** to proceed, then enter your device password and tap **Log In**. Tap **Next** once the Operation Mode screen appears.

Step 5

At this point, please ensure that you the router is connected to a modem. Plug one end of the provided Ethernet cable into your DSL or cable modem, and plug the other end into the port marked INTERNET on the DIR-818LW. Tap **Next** to automatically detect your Internet connection and proceed to the next step.





Section 2 - Installation

Step 6

You will be prompted to set up each wireless frequency band in turn; the 2.4 GHz band followed by the 5 GHz band.

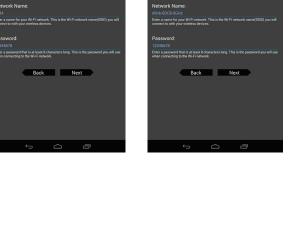
Firstly, enter a network name (SSID) of your choice, or leave it unchanged to accept the default SSID. Each wireless band can be assigned its own SSID.

Secondly, choose a Wi-Fi password of at least 8 characters. Any device trying to connect to the router wirelessly will need to enter this password the first time it connects.

Finally, tap **Next** to proceed.

Step 7

Enter the administrator password of your choice. Unlike the Wi-Fi password, this password is only required when you need to configure the router. See page 67 for details of when this password is used. Tap **Next** to proceed.



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setup a Wi-Fi Network you will need to give your Wi-

Section 2 - Installation

Step 8

If you already have a mydlink account, select **Yes, I have a mydlink account** and enter your mydlink email address and password. Lastly, tap **Sign In** to set up the router to use your mydlink account.

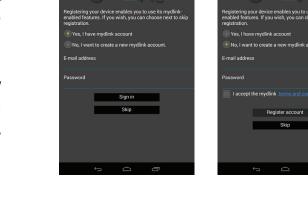
If you do not have a mydlink account, select **No, I want to create a new mydlink account**. Enter your E-mail address, choose a mydlink password and check the **I accept the mydlink terms and conditions** box. Finally, tap **Register account** to create your new mydlink account.

If you do not want to configure your router with mydlink at this stage, tap **Skip** to proceed.

Step 9

If you wish to receive push notifications whenever a new firmware update is available, check the **Notify me when new firmware is available** box and tap **Next**.

Otherwise, just tap **Next** to proceed.





Section 2 - Installation

Step 10

You will be presented with a summary of your chosen settings. Tap **Save** to complete the setup.

Congratulations, your device has been successfully configured! You can share this information by tapping Share By NFC, Share By E-mail, or tap **Finish** to exit the app.

If you tap Share By NFC, you can now touch the tag with your other device until the confirmation message appears.

Note: NFC is not supported by iPhone, iPad, and iPod touch devices.





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mydlink[™] SharePort

Using the mydlink SharePort app for iPad®, iPhone®, and iPod touch®

The mydlink SharePort app is a streamlined mobile application that allows you to conveniently stream media and share files stored on a removable storage connected to your router. Once the router is set up, you can start the app and easily connect from a local network or through the Internet to access your photos, videos, music, and documents. It allows you to create your own personal cloud storage; you can upload files and photos from your mobile device to the removable storage via the app from anywhere in the world!

Note: In order to ensure 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.

Using mydlink SharePort remotely from the Internet:

- 1. Make sure the device is powered on. Then plug your USB drive into the USB port of the device.
- **Note:** If you connect a removable storage with many files or a large capacity, it may take a while for the router to scan and catalog your files.
- 2. If you are connecting remotely through the mydlink SharePort app from the Internet, you will need a **mydlink** account. Please refer to page 103 for more details.



D-Link DIR-818LW User Manual

Section 3 - Usage

3. Use your iPhone, iPad or iPod Touch to search for and download the free **mydlink SharePort** app from the App Store.

If you have a QR code reader, you can scan the code for **mydlink SharePort** to the right.

4. Tap the mydlink SharePort icon, and the app will load.

5. Tap **Set up** to go to Settings and enter the Admin password and your mydlink Account Login information when the pop-up displays. Tap **Done** when your information is entered. (The Admin password is only for local access, if you can connect through the Internet, then you can leave the Admin password blank)











Section 3 - Usage

6. You can now use the mydlink SharePort app interface to stream media and access files stored on your removable drive. The wireless icon at the bottom will be lit green to indicate you are connected to the router through Remote Access. If you need to change your settings, tap the gear icon at the top right corner to enter the settings page.

7. If you have more than one device registered to your mydlink account, this will be displayed in the **device list** and you will be prompted to select the device you wish to use from this page

Note: If 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.



		mydlink SharePort	*
	DIR-845L DIR-845L/ 22025791		0
_	DIR-862L		0

Using mydlink SharePort in a local network:

- 1. Make sure the device is powered on. Then plug your USB drive into the USB port of the device.
- **Note:** If you connect a removable storage with many files or a large capacity, it may take a while for the router to scan and catalog your files.
- 2. Use your iPhone, iPad or iPod Touch to search for and download the free **mydlink SharePort** app from the App Store.

If you have a QR code reader, you can scan the code for **mydlink SharePort** to the right.

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. Locate the Wi-Fi name (SSID) and password for your device as printed on the included Wi-Fi Configuration Card

4. Tap the **mydlink SharePort** icon, and the app will load.



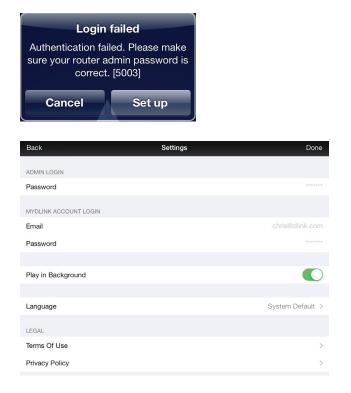
Settings Wi-Fi Networks				
Wi-Fi	ON			
Choose a Network	N.C.			
_top_of_the_list	🕥 ج 🛯			
0-dd-wrt-2.4g	₽\$ 📎			
1650_D) ج			
166524	۵ ج 🛯			
845neutrino	ي ج 🛯			
868newUI	₽ 🗢 🔕			
✓ aDlinkRouter	₽ 🌫 📀			



5. Tap **Set up** to enter the Admin password for your router when the pop-up displays.

6. Enter your Admin Login in the Password field and tap **Done**.

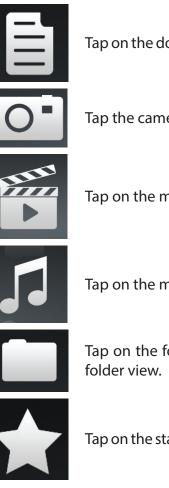
- 7. You can now use the mydlink SharePort app interface to stream media and access files stored on your removable drive. The wireless icon at the bottom will be lit blue to indicate a Local Access connection. If you need to change your settings, tap the gear icon at the top right corner to enter the settings page.
- **Note:** If 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 has different sections that let you see all the documents, photos, movies, or music stored on your removable storage. Tap < or >, or swipe left or right to move between the different sections. The Wi-Fi icon at the bottom indicates an active local network connection (blue) or remote connection (green/red). Tap the gear icon if it is not lit.



Tap on the document icon to view documents.



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



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-818LW to your mobile device. Tap the document icon on the main menu to browse the documents on your mobile device.

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



Tap 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 this icon gives you additional options:
 Open In...: Tap to use a third-party app to open the file.

The bottom menu bar includes these options:



Tap to go back to the main menu.



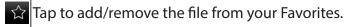
Tap to update the list of files.





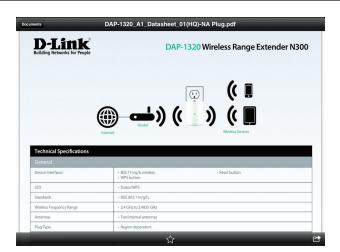
	Documents	Edit
Q S	earch Shareport Storage	
	Giftbox Editing.pptx 720.04KB, 2009-10-15 10:40:34	<u>/-</u> 0
	Network Storage - DAS, NAS, SAN.ppt 6.94MB, 2009-06-24 06:52:38	<u>/</u>
	Network Storage - NAS.ppt 3.84MB, 2009-03-18 02:44:30	1. 0
	Switch - D-View 6 Introduction.ppt 1.9MB, 2009-03-20 09:35:10	1- 0
	Switch - Switch Basics.ppt 1.20MB, 2009-03-12 03:42:10	1 0
	Wireless - Antenna Concepts.ppt 17.08MB, 2009-03-20 06:06:36	1 0
	Wireless - Wireless Access Point.ppt 3.63MB, 2009-03-11 06:51:46	1- 0
Ē	20090514 GPON introduction.ppt 6.86MB, 2009-05-17 14:04:28	1- 0
	20090714_CableModem.ppt 8.29MB, 2009-07-31 03:58:54	1- 0
Ē	20090911_CableModem.ppt 7.51MB, 2009-10-20 10:34:20	1 0
Ē	UTM Firewall Management.pdf 728.70KB, 2009-01-15 0647302	1 0
D	Casand Canaration D. Link Graan Switzhaa 2000 01 13 ant	

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



rightarrow Tap to bring up the same options as >.

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



Pictures

The Pictures section allows you to stream images from your DIR-818LW to your mobile device. Tap the camera icon on the main menu to browse your photo collection on your removable storage.

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



- Tap 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 this icon gives you additional options:
 Open In...: Tap to use a third-party app to open the file.

The bottom menu bar includes these options:



- Tap to go back to the main menu.
- Tap to start a slideshow of your photos. Tap the screen again to bring up the menu.



Tap to update the list of files.

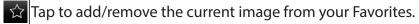


Tap to reorder the files alphabetically.



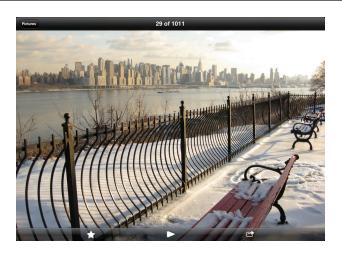
	Pictures	Edit
Q Search Shareport Storage		
O IMG_0054.JPG 2.51MB, 2009-01-09 15:47:58		(
O IMG_0048.JPG 2.28MB, 2009-01-09 11:53:10		(
O IMG_0055.JPG 2.27MB, 2009-01-09 15:48:08		1
O IMG_0056.JPG 2.27MB, 2009-01-09 15:48:24		1
O IMG_0057.JPG 2.38MB, 2009-01-09 15:48:40		(
O IMG_0058.JPG 2.33MB, 2009-01-09 15:48:52		<u>i</u>
OING_0059.JPG 2.13MB, 2009-01-09 15:50:06		1.
4.33MB, 2009-01-09 15:53:26		77 (
4.09MB, 2009-01-09 15:54:16		77 (
4.00MB, 2009-01-09 15:54:32		77 (
O IMG_0063.JPG 4.92MB, 2009-01-09 15:55:12		1- C
IMC 0060 IRC		

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



Tap to start the slideshow.

Tap to bring up the same options as >.



Videos

The Videos section allows you to stream video clips and movies from your DIR-818LW to your mobile device. Tap the movie icon on the main menu to browse your videos on your removable storage.

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

- Edit Tap 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 this icon gives you additional options:
 Open In...: Lets you use a third-party app to open the file.

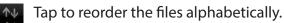
The bottom menu bar includes these options:



Tap to go back to the main menu.



Tap to update the list of files.





	Videos		Edit	
Q Se	Q Search Shareport Storage			
₩ ►	20130509_110404_IMG_0240.MOV 5.02MB, 2009-12-31 17:28:56	*	٥	
¥₩ ▶	DIR-865L Introduce Flash.mp4 27.36MB, 2012-08-10 09:00:00	1-	۲	
FHF ►	DIR-865L Introduce Video.mp4 12.83MB, 2012-07-17 21:30:00	1	٥	
844 •	DIR-505 Introduce Flash.mp4 5.10MB, 2012-05-22 02:14:22	1-	۲	
PHI	DIR-505_Sales_Video.mp4 98.97MB, 2012-08-22 02:59:24	1	0	
En la	Dlink_SharePort Video_DUS.mp4 9.13MB, 2012-07-17 20:20:00	1	0	
¥₩ ►	DIR-505_Setup_Video.mp4 125.39MB, 2012-08-21 07:52:14	1-	0	
Pine	Movie1.mp4 22.57MB, 2011-12-08 17:08:46	1	۲	
	Movie2.mp4 7.81MB, 2011-12-06 17:10:16	1-	۲	
En la	Movie3.mp4 24.97MB, 2011-12-06 17:14:18	1	۲	
Ener	Movie4.mp4 23.90MB, 2011-12-06 17:19:00	7-	۲	
(TET)	Howies mad	î.		

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

Ш	Tap to p
	on the

Tap to play/pause the video. You can scroll to any time on the time line by holding and sliding your finger.

🖕 🍾 Tap to enter/exit fullscreen mode.

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

Tapping this icon gives you additional options:

• Open In...: Lets you use a third-party app to open the file.

Videos	Movie1.	mp4		
	THE FOLLOWING PREVIEW			
	APPROPRIATE			
	BY THE MOTION PICTURE ASS	OCIATION OF AMERICA, INC.		
	www.filmratings.com	www.mpaa.org		
► 0:01 e			-2:20	-
0:01			-2:20	
	☆			\mathbf{r}

Music

The Music section allows you to stream songs from your DIR-818LW to your mobile device. Tap the music icon on the main menu to browse your music collection on your removable storage.

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

Edit

Tap 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 this icon gives you additional options:
 Open In...: Lets you use a third-party app to open the file.

The bottom menu bar includes these options:



Tap to go back to the main menu.



Tap to update the list of files.



Tap to reorder the files alphabetically.



	Music	Edit
Q Se	arch Shareport Storage	
	list1 usb_b1	:
Γ	alert.wav 22.77KB, 2013-02-13 12:44:54	* 0
Γ	login.wav 187.90KB, 2013-02-13 12:44:54	<u>/-</u> (0
Π	logout.wav 152.23KB, 2013-02-13 12:44:54	÷ (
Π	receive.wav 53.72KB, 2013-02-13 12:44:54	<u>~</u> (2
Π	send.wav 56.09KB, 2013-02-13 12:44:54	1. 0



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



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



Tap to skip to the previous/next song.

Tap to enable/disable shuffle mode.

	Music	Edit
Q S	earch Shareport Storage	
	list1 usb_b1	>
Γ	alert.wav 22.77KB, 2013-02-13 12:44:54	* 0
Π	login.wav 187.90KB, 2013-02-13 12:44:54	7. O
Γ	logout.wav 152.23KB, 2013-02-13 12:44:54	1- 0
Γ	receive.wav 53.72KB, 2013-02-13 12:44:54	7- 0
1	send.wav 56.09KB, 2013-02-13 12:44:54	× 0

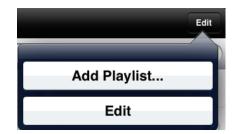


To create a playlist:

Tap Edit > Add Playlist.

Enter a name for the playlist, then tap **Save.** The name of the playlist will appear in the browser next

to the 🧮 icon.





Section 3 - Usage

To add songs to a playlist:

Tap the playlist in the browser.

Tap **Add Music...** to add songs to the current playlist.

Tick the songs you wish to add and tap **Done**.

To delete songs from the playlist:

Tap **Edit** in the playlist browser and mark the files to be deleted.

Tap **Delete**.



Folders

You can browse your removable storage in a folder view in the folders section. 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 removable storage attached to your router.

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

Edit

Tap 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 > icon gives you additional options depending on the file type.

The bottom menu bar includes these options:



Tap to go back to the main menu.

Tap to upload files from your device to your removable storage.



Tap to update the list of files.



Tap to reorder the files alphabetically.



Folders usb_b1	Edit
Q Search Shareport Storage	
[Training Materials]	>
test test	>
Global Marketing Digital Lib	>
Martina.jpg 117.47KB, 2009-12-31 20:09:50	÷ 0
beyonce-the-destroyer.jpg 103.54KB, 2013-02-22 01:35:22	7 O
dpl	>
Programs	>
Global Marketing Team Contact List_2013.xlsx 12.87KB, 2013-02-22 08:08:02	1. 0
testa	>
图體保險健康聲明書1020301.pdf 299.71KB.2013-03-06 05:32:10	÷ 0
友訊團體保險名冊.pdf 229.02KB, 2013-03-06 05:32:16	77 📀

Section 3 - Usage

To delete files:

Tap **Edit** at the top right. Tick the circle next to a file to mark it for deletion. 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:

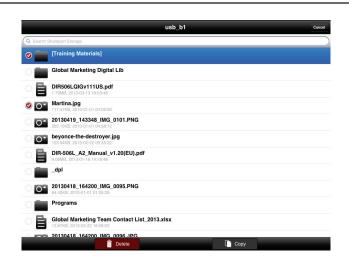
Browse to the directory you wish to create a new folder in.

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.

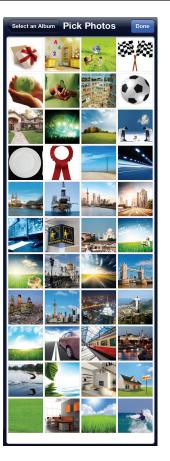






To upload images and videos from your mobile device: Browse to the folder you wish to upload to. Tap **Upload** at the bottom. Select the photos/videos you wish to upload.

Tap **Done**.



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

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

		Upload	+
0	20130627_150400_IMG_0005.JPG Calculating, 0.0% uploaded		
0	20130627_150400_IMG_0006.JPG waiting to upload		
0	20130627_150400_IMG_0007.JPG waiting to upload		
0	20130627_150400_IMG_0008.JPG waiting to upload		
0	20130627_150400_IMG_0009.JPG waiting to upload		
0	20130627_150400_IMG_0010.JPG waiting to upload		
0	20130627_150400_IMG_0012.JPG waiting to upload		
0	20130627_150400_IMG_0013.JPG waiting to upload		
0	20130627_150400_IMG_0014.JPG waiting to upload		
0	20130627_150400_IMG_0015.JPG waiting to upload		
0	20130627_150400_IMG_0016.JPG waiting to upload		
0	20130627_150400_IMG_0017.JPG waiting to upload		
	A Home	toded Pofresh Sort	

Favorites

The Favorites section allows you to quickly access your most often used files, no matter what file type, in a special section. Files added to the Favorites section will be copied here for playback in a centralized location.



- Tap to mark files for deletion from the local storage in Favorites. The file will still be accessible in other mydlink SharePort sections.
- Tapping this icon gives you additional options depending on the file type.

The bottom menu bar includes these options:



Tap to go back to the main menu.

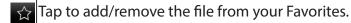


Tap to update the list of files.



- - Tap to reorder the files alphabetically.

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



Tap to bring up additional options.

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



Favorites	Edit
Downloaded	
20130509_115547_IMG_0242.JPG 317.52KB, 2009-12-31 18:20:32	
dir636.JPG 1.46MB, 2009-12-31 18:37:22	
Network Storage - DAS, NAS, SAN.ppt 6.94MB, 2009-06-24 06:52:38	
20130509_110404_IMG_0240.MOV 5.02MB, 2009-12-31 17:28:56	
03.Pretty Boy.mp3 6.10MB, 2011-08-23 20:57:12	

Using the mydlink[™] SharePort app for Android[™]

The mydlink SharePort app is a streamlined mobile application that allows you to conveniently stream media and share files stored on a removable storage connected to your router. Once the router is set up, you can start the app and easily connect from a local network or through the Internet to access your photos, videos, music, and documents. It allows you to create your own personal cloud storage; you can upload files and photos from your mobile device to the removable storage via the app from anywhere in the world!

Note: In order to ensure 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.

Using mydlink SharePort remotely from the Internet:

- 1. Make sure the device is powered on. Then plug your USB drive into the USB port of the device.
- **Note:** If you connect a removable storage with many files or a large capacity, it may take a while for the router to scan and catalog your files.
- 2. If you are connecting remotely through the mydlink SharePort app from the Internet, you will need a **mydlink** account. Please refer to page 103 for more details.



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Section 3 - Usage

3. Use your Android mobile device to search for and download the free **mydlink SharePort** app from Google Play[™].

If you have a QR code reader, you can scan the code for **mydlink** SharePort to the right.

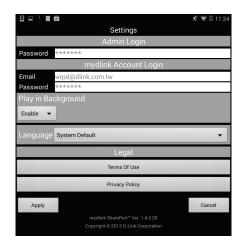
- 4. Tap the **mydlink SharePort** icon, and the app will load.
- 5. Tap Set up to go to Settings and enter the Admin password and your mydlink Account Login information when the pop-up displays. Tap Apply when your information is entered. (The Admin password is only for local access, if you can connect through the Internet, then you can leave the Admin password blank)











6. You can now use the mydlink SharePort app interface to stream media and access files stored on your removable drive. The wireless icon at the bottom will be lit green to indicate you are connected to the router through Remote Access.

- 7. If you have more than one device registered to your mydlink account, this will be displayed in the **device list** and you will be prompted to select the device you wish to use from this page
- **Note:** If 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.



mydlink SharePort	*
DIR-850L DIR-850L/44445528	0
Authentication failed	0

Section 3 - Usage

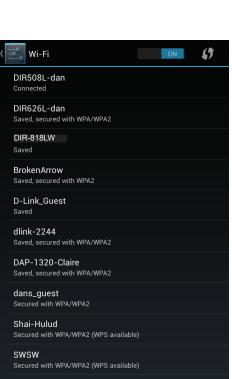
Using mydlink SharePort in a local network:

- 1. Make sure the device is powered on. Then plug your USB drive into the USB port of the device.
- **Note:** If you connect a removable storage with many files or a large capacity, it may take a while for the router to scan and catalog your files.
- 2. Use your Android mobile device to search for and download the free **mydlink SharePort** app from Google Play[™].

If you have a QR code reader, you can scan the code for **mydlink** SharePort to the right.

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. Locate the Wi-Fi name (SSID) and password for your device as printed on the included Wi-Fi Configuration Card.





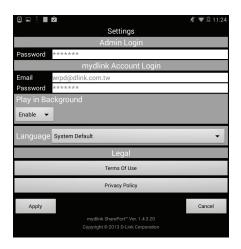
d-link-07725 Secured with WPA/WPA2 (WPS available)

- 4. Tap the **mydlink SharePort** icon, and the app will load.
- 5. Tap **Set up** to enter the Admin password for your router when the pop-up displays.
- 6. Enter your Admin Login in the Password field and tap **Apply**. You will be taken back to the device list where you can select the device for use with mydlink SharePort.

7. You can now use the mydlink SharePort app interface to stream media and access files stored on your removable drive. The wireless icon at the bottom will be lit blue to indicate a Local Access connection.

Note: If 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.









45

Main Menu

The mydlink SharePort main menu has different sections that let you see all the documents, photos, movies, or music stored on your removable storage. Tap < or >, or swipe left or right to move between the different sections. The Wi-Fi icon at the bottom indicates an active local network connection (blue) or remote connection (green/red). Tap the gear icon if it is not lit.



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 view.



Tap on the star icon to access your favorite files.



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-818LW to your mobile device. Tap the document icon on the main menu to browse the files on your mobile device.

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.



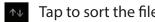
Tap the star icon next to each file to download it to your device and add it into your Favorites section.

Tap **for additional options:**



Tap to return to the main menu.

Tap to update the list of files.



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

Check a file then tap to delete it.



Documents	
UTM Firewall Management.pdf 728.69KB,15/01/2009 02:47:02PM	7
Second Generation D-Link Green Switches_2009-01-13.ppt 1.23MB,13/01/2009 05:29:00PM	7
Switch Market Share Y08Q1-3.ppt 1.00MB,15/01/2009 02:50:34PM	7
L2 Managed Switch CLI Reference Manual Sample (DES-3028_3052 Series).pdf 1.52MB.09/01/2009 02:50:00PM	1
L2 Managed Switch User Manual Sample (DES-3028_3052 Series).pdf 8.80MB,12/01/2009 06:50:56PM	7
L3 Managed Switch CLI Manual Sample (xStack DES-3800 Series).pdf 3.55MB,13/01/2009 10:12:28AM	7
L3 Managed Switch User Manual Sample (xStack DES-3800 Series).pdf 15.11MB,13/01/2009 10:13:28AM	7
Managed Switch Getting Started Guide Sample.pdf 2.38MB,13/03/2008 04:47.18PM	1
Unmanaged Switch QIG Sample.pdf 1.15MB,14/04/2008 04:35:34PM	7

Â	Documents	Ξ
لحر	DAP-2690_B1_Datasheet_03(HQ).pdf 421.64KB,20/11/2012 03:07:20PM	
لحر	DCS-7010L_A1_Datasheet_03(HQ).pdf 687.74KB,12/11/2012 02:54:54PM	
لحر	DGE-560SX_B1_Datasheet_01(HQ).pdf 581.26KB,19/11/2012 05:01:44PM	
ځر	DIR-850L_A1_Datasheet 01(HQ).pdf 745.46KB.03/12/2012.02:20:48PM	
لحر	DIR-865L A1 Datasheet_A1_02(HQ).pdf 706.60KB,03/12/2012 11:53:32AM	
لحر	DSL-2750R_C1_Datasheet_01(WW).pdf 722.68KB,12/11/2012.05:34:58PM	
لحر	DWL-6600AP_A1_Datasheet_02(HQ).pdf 929.05KB.26/11/2012.02:26:44PM	
لحر	Media_Converters_Standalone_Datasheet_01(HQ).pdf 1.06MB,15/11/2012 04:43:16PM	
	C ↑↓	

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 i to perform File, Find, Zoom, Reading View, Go To Page, and Bookmarks actions.

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



Pictures

The Pictures section allows you to view images streamed from your DIR-818LW to your mobile device. Tap the camera icon on the main menu to browse your photo collection on your removable storage.



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.

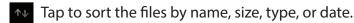


Tap to refresh, sort, or mark files for deletion.

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

Tap **I** for additional options:

- Tap to return to the main menu.
- C Tap to update the list of files.



Check a file then tap to delete it.

Â	Pictures	
image001.jpg		<u>_</u>
38.04KB,04/03/2013 06:02:44PM		*
20130422_180026_IMG_0190.JPG 47.92KB,01/01/2010 12:20:50AM		*
20130422_180026_IMG_0190.JPG 47.92KB,01/01/2010 12:09:56AM		*
0130422_180050_IMG_0009.JPG 1.28MB,01/01/2010 12:10:22AM		*
20130423_172941_IMG_0201.PNG 203.86KB,01/01/2010 11:39:10PM		*
0130422_180106_IMG_0199.PNG 40.31KB,01/01/2010 11:32:22PM		*
20130422_180026_IMG_0190.JPG 47.92KB,01/01/2010 11:38:22PM		*
20130422_180050_IMG_0009.JPG 1.28MB,01/01/2010 11:38:22PM		*
O [•] 20130423_172941_IMG_0201.PNG 203.86KB,01/01/2010 11:40:56PM		*
Ċ		

Â	Picture	S		
				Q
image001.jpg 38.04KB,04/03/2013 06:02:44PM				
20130422_180026_IMG_0190.JPG 47.92KB,01/01/2010 12:20:50AM				
20130422_180026_IMG_0190.JPG 47.92KB,01/01/2010 12:09:56AM				
20130422_180050_IMG_0009.JPG 1.28MB,01/01/2010 12:10:22AM				
20130423_172941_IMG_0201.PNG 203.86KB,01/01/2010 11:39:10PM				
20130422_180106_IMG_0199.PNG 40.31KB,01/01/2010 11:32:22PM				
20130422_180026_IMG_0190.JPG 47.92KB,01/01/2010 11:38:22PM				
20130422_180050_IMG_0009.JPG 1.28MB,01/01/2010 11:38:22PM				
C			$\uparrow\downarrow$	
Ś	\Box			

Section 3 - Usage

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

Tap t

Tap the star icon to download it to your device and add it into your Favorites section.

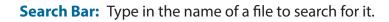
- Tap to start a slideshow. Tap the image to stop the slideshow.
- Tap to delete the current image. Tap **OK** to confirm.
- Tap to bring up additional options using other applications.
- Tap to access the image editor.

Note: This function may vary depending on the version of your Android OS.



Videos

The Videos section allows you to stream video clips and movies from your DIR-818LW to your mobile device. Tap the movie icon on the main menu to browse your videos on your removable storage.





Tap to return to the main menu.



Tap to refresh, sort, or 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.



Â		Videos	
			Q
₩. ►	20130509_110404_IMG_0240.MOV 5.01MB.01/01/2010 01:28:56AM		*
F##			*
₩î ▶	DIR-865L Introduce Video.mp4 12.82MB,18/07/2012 05:30:00AM		*
₩. ►	DIR-505 Introduce Flash.mp4 5.09MB,22/05/2012 10:14:22AM		*
₩# ►	DIR-505_Sales_Video.mp4 98.96MB,22/08/2012 10:59:24AM		*
F##	Dlink_SharePort Video_DUS.mp4 9.13MB,18/07/2012 04:20:00AM		*
₩. ►	DIR-505_Setup_Video.mp4 125.38MB,21/08/2012 03:52:14PM		*
₩. ►	Movie1.mp4 22.56MB,07/12/2011 01:08:46AM		*
₩. ►	Movie2.mp4 7.81MB,07/12/2011 01:10:16AM		*
	\leftrightarrow		

Â	Vide	os		
₩. ►	20130509_110404_IMG_0240.MOV 5.01MB.01/01/2010 01:28:56AM			
F## ►	DIR-865L Introduce Flash.mp4 27.36MB,10/08/2012 05:00:00PM			
HH ►	DIR-865L Introduce Video.mp4 12.82MB,18/07/2012 05:30:00AM			
₩4 ►	DIR-505 Introduce Flash.mp4 5.09MB,22/05/2012 10:14:22AM			
844 ►	DIR-505_Sales_Video.mp4 98.96MB,22/08/2012 10:59:24AM			
544 ►	Dlink_SharePort Video_DUS.mp4 9.13MB,18/07/2012 04:20:00AM			
844 ►	DIR-505_Setup_Video.mp4 125.38MB,21/08/2012 03:52:14PM			
844 ►	Movie1.mp4 22.56MB,07/12/2011 01:08:46AM			
	С		$\wedge \downarrow$	
	$\mathbf{f} \qquad \mathbf{f}$			

Tap **I** for additional options:

- Tap to return to the main menu.
- C Tap to update the list of files.
- Tap to sort the files by name, size, type, or date.
 - Check a file then tap this icon to delete it.

Tap on a file to start playing it. 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 songs from your DIR-818LW to your mobile device. Tap the music icon on the main menu to browse your music collection on your removable storage.



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.



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.
- C Tap to update the list of files.



Check a file then tap this icon to delete it.

Â	Music	
		Q
5	alert.wav 22.76KB,13/02/2013 12:44:54PM	*
5	login.wav 187.90KB,13/02/2013 12:44:54PM	*
5	logout.wav 152.23KB,13/02/2013 12:44:54PM	*
5	receive.wav 53.71KB,13/02/2013 12:44:54PM	*
5	send.wav 56.09KB,13/02/2013 12:44:54PM	*
	01-lorena-maniac.mp3 5.31MB,21/11/2008 02:01:52AM	*
5	01.The Day You Went Away.mp3 4.84MB,24/08/2011 04:56:38AM	*
5	02-lorena-i_ve_had_the_time_of_my_life.mp3 5.62MB,21/11/2008 02:01:44AM	*
	02.Mirror Mirror.mp3 4.33MB,24/08/2011 04:56:56AM	*

Â	Music	
5	alert.wav 22.76KB,13/02/2013 12:44:54PM	
5	login.wav 187.90KB,13/02/2013 12:44:54PM	
5	logout.wav 152.23KB,13/02/2013 12:44:54PM	
5	receive.wav 53.71KB,13/02/2013 12:44:54PM	
5	send.wav 56.09KB,13/02/2013 12:44:54PM	
5	01-lorena-maniac.mp3 5.31MB,21/11/2008 02:01:52AM	
5	01.The Day You Went Away.mp3 4.84MB.24/08/2011 04:56:38AM	
5	02-lorena-i_ve_had_the_time_of_my_life.mp3 5.62MB,21/11/2008 02:01:44AM	
	Ċ ^↓	

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.

K	

Tap to skip to the previous/next song.

- ▶ **II** Tap to play or pause the song.
 - Tap to enable/disable shuffle mode.

^	Music		
Iogout.wav 152.23KB,13/02/2013 12:44:54PM			*
receive.wav 53.71KB,13/02/2013 12:44:54PM			*
send.wav 56.09KB,13/02/2013 12:44:54PM			*
01-lorena-maniac.mp3 5.31MB,21/11/2008 02:01:52AM			*
01.The Day You Went Away.mp3 4.84MB,24/08/2011 04:56:38AM			*
02-lorena-i_ve_had_the_time_of_my_life.mp3	\bigtriangledown		4
01.The Day You Went Away.mp3 00:02 / 03:43			*
3.91 21/11/2008 02:01:40AM	11	₩I	
d ● 6.10MB,24/08/2011 04:57:12AM			A

~				
Â			Music	÷
	Last added			
	list1			
	playlist2			
	playlist3			
Î	playlist4			
Î	dans playlist			
Î	dribblePANetration			
Î	test			
Î	tt			
Add	new playlist			
		Û	\Box	

To create a playlist:



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 C to refresh the playlist page.

Section 3 - Usage

To add songs to a playlist:

Tap a playlist to see its contents. Tap **Add Music...** to add songs to the current playlist. Tick the songs you wish to add and tap **to** save.

To delete songs from the playlist:

Tap **Edit** in the playlist browser and mark the files to be deleted.

Tap 💼 then tap **OK** to confirm.

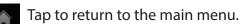
Â		Music	
			Q
01-lorena-mar 5.31MB,21/11/20			
01.The Day Yo 4.84MB,24/08/20	u Went Away.mp3 11 04:56:38AM		\checkmark
02-lorena-i_ve 5.62MB,21/11/20	_had_the_time_of_my_life.n 08 02:01:44AM	np3	
02.Mirror Mirro 4.33MB,24/08/20			
03-lorena-i_sa 3.91MB,21/11/20	y_a_little_player.mp3 08 02:01:40AM		\checkmark
03.Pretty Boy.i			
04-lorena-i_do 5.37MB,21/11/20	on_t_want_to_miss_a_thing. 08 02:01:34AM	mp3	\checkmark
04.Don't Say Y 4.81MB,24/08/20	fou Love Me.mp3 11 04:57:30AM		
	\leftarrow		

Â		Music		
alert.wav 22.77KB,2013-02-13 12:44:	54			\checkmark
receive.wav 53.72KB,2013-02-13 12:44:				\checkmark
01-lorena-maniac.m 5.31MB,2008-11-21 02:01:5	p3			\checkmark
02-lorena-i_ve_had_ 5.62MB,2008-11-21 02:01:4	the_time_of_my_	life.mp3		
03.Pretty Boy.mp3 6.10MB,2011-08-24 04:57:1	2AM			
04.Don't Say You Lo 4.81MB,2011-08-24 04:57:3				
05.What You Do Abo				
07.Girl In Your Dream				
	Ç			

Folders

You can browse your removable storage in a folder view in the folders section. 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 removable storage attached to your router.

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



Tap to access file options.



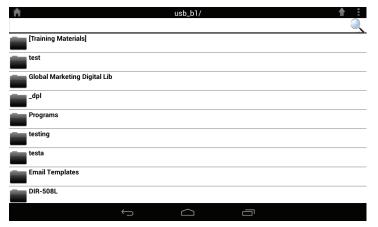
In the file browser:

Tap to return to the main menu.

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▲ Tap to upload files.

Tap to refresh, sort, create a new folder, or mark files for deletion and copying.





usb_b1



Section 3 - Usage

- Tap it to select files and perform the following actions: Tap to update the list of files.
 - Tap to sort the files by name, size, type, or date.
 - **Tap to create a new folder.**
 - Mark a file then tap this icon to delete it.
 - Mark a file then tap this icon to copy it.

Â		test/		† :
test2				
test				
testadd				
20130422_180026_IMG_0190 47.92KB.01/01/2010 12:09:56AM).JPG		 	
20130422_180050_IMG_0009 1.28MB.01/01/2010 12:10:22AM	9.JPG			
20130423_172941_IMG_020 203.86KB,01/01/2010 11:39:10PM	1.PNG			
Screenshot_2013-07-03-16-4 337.20KB,05/07/2013 01:56:15PM	19-27.png			
Screenshot_2013-07-04-14- 177.73KB,05/07/2013 01:56:16PM	14-52.png			
C		$\downarrow \uparrow$	÷.	
	Ĵ	\Box		

To delete files:

Tap on and tick the box next to a file for deletion. Tap on to delete your selected files. Tap **OK** to confirm.

To copy files:

Tap on to select files for copying. Tick the box next to each file for copying.

Tap on 🗈 to browse to the destination.

A	usb_b1/		≜ E
			Q
20130503_154642_IMG_0226.JPG 343.35KB,01/01/2010 01:23:48AM			
20130503_154642_IMG_0227.JPG 376.10KB,01/01/2010 01:23:52AM			
20130503_154642_IMG_0228.JPG 315.81KB,01/01/2010 01:23:54AM			
20130503_154642_IMG_0229.JPG 367.67KB,01/01/2010 01:23:56AM			\checkmark
20130503_154642_IMG_0230.JPG 405.08KB,01/01/2010 01:24:00AM			
20130503_154642_IMG_0231.JPG 390.82KB,01/01/2010 01:24:02AM			\checkmark
20130503_154642_IMG_0232.JPG 434.72KB,01/01/2010 01:24:04AM			
20130503_154642_IMG_0233.JPG 381.39KB,01/01/2010 01:24:06AM			
Ē			
()	\Box		

Tap Paste or Cancel.

You can also tap **New Folder** if you wish to create a folder in the current directory.

Â		usb_b1/	
			<u> </u>
		Copy 1 to	
[Training Materials]			
test			
Global Marketing Digital Lib			
_dpl			
Programs			
testing			
testa			
Email Templates			
New Folder		Paste	Cancel
	\rightarrow		

To create a new folder:

Browse to 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.

Tick the box next to each of the files 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.

↑	Up	load					
						(
Screenshot_2013-07-03-16-49-27.png 337.20KB,03/07/2013 04:49:29PM							V
Screenshot_2013-07-04-14-14-52.png 177.73KB,04/07/2013 02:14:53PM							V
Screenshot_2013-07-03-17-26-44.png 138.17KB,03/07/2013 05:26:45PM							V
Screenshot_2013-07-03-17-26-50.png 138.44KB,03/07/2013 05:26:51PM							
Screenshot_2013-07-03-17-27-05.png 79.64KB,03/07/2013 05:27:06PM							V
Screenshot_2013-07-03-17-27-09.png 79.42KB,03/07/2013 05:27:10PM							
Screenshot_2013-07-03-17-28-08.png 113.91KB,03/07/2013 05:28:09PM							
Screenshot_2013-07-03-17-38-24.png 34.05KB,03/07/2013 05:38:24PM							
Upload				Ca	incel	l	
\leftarrow		\sim	C				

ft Upload	
Screenshot_2013-07-03-17-26-44.png 138.17KB, 99%uploaded	×
O Screenshot_2013-07-03-17-26-50.png 138.44KB, waiting to upload	×
Screenshot_2013-07-03-17-27-05.png 79.64KB, waiting to upload	×
Screenshot_2013-07-03-17-27-09.png 79.42KB, waiting to upload	×
Screenshot_2013-07-03-17-28-08.png	×
Screenshot_2013-07-03-17-38-24.png 34.05KB, waiting to upload	×



Favorites

The Favorites section allows you to quickly access your most often used files, no matter what file type, in a special section. Files added to the Favorites section will be copied here for playback in a centralized location.

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



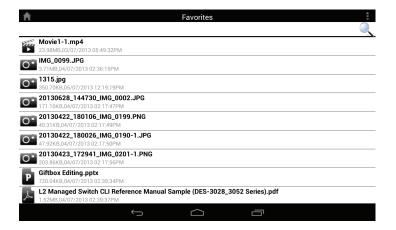
Tap to return to the main menu.

Tap to refresh, sort, or mark files for deletion.

Tap **for** additional options:

- Tap to return to the main menu.
- Tap to update the list of files.
- Tap to sort the files by name, size, type, or date.
- Check a file then tap to delete it.





A			Favorites		
	e1-1.mp4 MB,03/07/2013 05:49:32PM				
0- 3.71M	0099.JPG IB,04/07/2013 02:36:15PM				
O ⁻ 1315	.jpg DKB,05/07/2013 12:19:19PM	1			
	0628_144730_IMG_00 0KB,04/07/2013 02:17:47PM				
	0422_180106_IMG_01 KB,04/07/2013 02:17:49PM	99.PNG			
	0422_180026_IMG_01 KB,04/07/2013 02:17:50PM	90-1.JPG			
	0423_172941_IMG_02 6KB,04/07/2013 02:17:56PM				
	ox Editing.pptx 4KB,04/07/2013 02:39:34PM	1			
	С			$\uparrow \downarrow$	
		÷			

Using SharePort Web Access

SharePort Web Access lets you stream music, photos, and movies from a USB drive attached to your DIR-818LW through a Web browser. You can also download and upload files to and from a computer through the Web browser interface.

Type **http://shareport.local.** in your browser's URL to take you to the SharePort Web Access log in page.

Log in with your admin password or a SharePort Username and Password.

At the main menu, you can browse the files stored on your USB drive by file type. Click to browse by folders.

D-Link



Sha	arePort Web Access	
	Username:	
	Password:	
	Log In	
То	access device management, click here.	

D-Link DIR-818LW User Manual

The folder browser section will show folder hierarchy at the left and files at the right. You can quickly browse directories and perform operations by using the buttons in the folder browser view.

To create a new folder:

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

Click to return to the main menu.

To upload a file:

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

To delete a file:

Tick the checkbox next to the files you wish to delete.

Click **Delete** and a dialog box will appear. Click **OK** to confirm.

	New Folder Upload Delete	
My Access Device Hard Drive	20100422 180026 INC: 0100 IDC	
▼ usb_b1	20130422_180026_IMG_0190.JPG 47.93KB, Fri Jan 1 2010 8:9:57	
▼ usb_b1		
► [Training Materials]	20130422_180050_IMG_0009.JPG 1.29MB, Fri Jan 1 2010 8:10:22	
▼ test		
	20130422_180106_IMG_0199.PNG 40.32KB, Fri Jan 1 2010 8:10:38	
▶ test2	·····,	
Global Marketing Digital Lib		
▶ _dpl		
Programs		
DSDC1300029		
DSDC1300026		
Email Templates		
▶ DIR-508L		



Upload File
Please select a file:
OK Cancel

New Folder Upload Delete	
✓ 20130422_180026_IMG_0190.JPG 47.93KB, Fri Jan 1 2010 8:9:57	
☑ 20130422_180050_IMG_0009.JPG 1.29MB, Fri Jan 1 2010 8:10:22	
20130422_180106_IMG_0199.PNG 40.32KB, Fri Jan 1 2010 8:10:38	

Music

You can go to the Music section to browse and play the music files on your storage. Click **Back** to return to the main menu.

Click on the audio filename to play it in the browser.

SharePort [™] Web Access	Â
Q Search Songs	۲
Back	ic
alert.wav 22.77KB, Wed Feb 13 2013 20:44:54	
login.wav 187.90KB, Wed Feb 13 2013 20:44:54	
logout.wav 152.23KB, Wed Feb 13 2013 20:44:54	
receive.wav 53.72KB, Wed Feb 13 2013 20:44:54	
Send.wav 56.09KB, Wed Feb 13 2013 20:44:54	
D-Li	nk

You can pause, seek, mute and adjust the volume in the window. Close the window to end playback.



Pictures

You can go to the Pictures section to browse and view the image files on your storage. Click **Back** to return to the main menu.

Click on the image name to view it in the browser.

SharePort [™] Web Access	ń
Q Search Photos	(*)
Back	Photo
O [•] DIR-505_A1_Image H(Side)_EU.tif 2.09MB, Thu Mar 29 2012 23:0:2	
Chinese_BIG5.bmp 1.93KB, Sun May 13 2002 5:14:24	
O [•] CZECH.BMP 1.93KB, Sun Jan 6 2002 9:31:48	
O*Deutsch.bmp 1.93KB, Fri Feb 22 2002 8:24:44	
English.bmp 1.93KB, Mon Nov 26 2001 18:48:18	

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



Videos

You can go to the Videos section to browse and play the video files on your storage. Click **Back** to return to the main menu.

Click on the video file to open the file in a window for streaming.

Search Movie	8)
Back	Movie
20130416_142238_IMG_0078.MOV 20.98MB, Sat Jan 2 2010 11:7:30	
DIR-865L Introduce Flash.mp4 27.36MB, Fri Aug 11 2012 1:0:0	
DIR-865L Introduce Video.mp4 12.83MB, Wed Jul 18 2012 13:30:0	
DIR-505 Introduce Flash.mp4 5.10MB, Tue May 22 2012 18:14:22	
DIR-505_Sales_Video.mp4 98.97MB, Wed Aug 22 2012 18:59:24	

SharePort[™]Web Access

You can pause, seek, mute, adjust the volume, and activate full screen mode in the window controls.

Close the window to end playback.

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



Documents

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

Click on the filename to open the file.

SharePort [™] Web Access		Â
Q Search Documents		0
Back	Document	
Giftbox Editing.pptx 720.04KB, Thu Oct 16 2009 2:40:34		
Network Storage - DAS, NAS, SAN.ppt 6.94MB, Wed Jun 24 2009 22:52:38		
Network Storage - NAS.ppt 3.84MB, Wed Mar 18 2009 18:44:30		
Switch - D-View 6 Introduction.ppt 1.99MB, Fri Mar 21 2009 1:35:10		
Switch - Switch Basics.ppt 1.20MB, Thu Mar 12 2009 19:42:10		
Wireless - Antenna Concepts.ppt 17.08MB, Fri Mar 20 2009 22:6:36		

Depending on the file type, the default program will be started or a pop-up may ask you to open or save the file.

Windows Internet Explorer
What do you want to do with DIR-506L Word Descriptions v01(HQ).docx?
Size: 63.0 KB Type: Microsoft Word From: shareport.local
 Open The file won't be saved automatically.
→ Save
→ Save as
Cancel

Configuration

To access the configuration utility, open a web-browser such as Internet Explorer and enter **http://dlinkrouter.local./**

Windows and Mac users may also connect by typing the IP address of the router (by default this is **http://192.168.0.1**) in the address bar.

Enter your password. If you previously followed the setup wizard (see page 12), please use the admin password you entered during the wizard. Otherwise, leave the password blank. Click **Log In** to proceed.

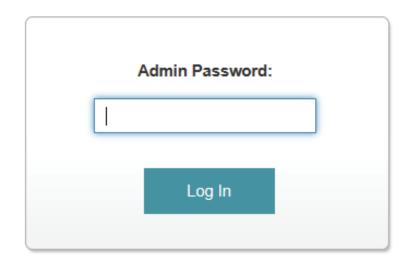
Note: If you cannot remember your password and cannot log in, press the reset button (see page 6) to restore the router to its default settings.

The router's home page will open displaying its current connection status.

The bar at the top of the page has quick access to Settings and Management functions. You may quickly jump back Home at any time.

Note: The system will automatically log out after a period of inactivity.







Home

The Home page displays the current status of the router in the form of an interactive diagram. You can click each icon to display information about each part of the network at the bottom of the screen. The menu bar at the top of the page will allow you to quickly navigate to other pages.

Internet

The Home page displays whether or not the router is currently connected to the Internet. If it is disconnected, click **Click to repair** to bring up the setup wizard (see page 12).

To bring up more details about your Internet connection, click on the **Internet** icon. Click **IPv4** or **IPv6** to see details of the IPv4 connection and IPv6 connection respectively.

Click **Release** to disconnect from the Internet. If you do this and wish to reconnect, click **Renew**.

To reconfigure the Internet settings, refer to page 72.





DIR-818LW

Click on the **DIR-818LW** icon to view details about the router and its wireless settings.

Here you can see the router's current wireless settings, as well as its MAC address and IPv4/IPv6 addresses.

To reconfigure the network settings, either click **Go to settings** on the lower left, or click **Settings** (at the top of the page) and then **Network** on the menu that appears. Refer to page 99.

To reconfigure the wireless settings, either click **Go to settings**, on the lower right, or click **Settings** (at the top of the page) and then **Wireless** on the menu that appears. Refer to page 96.

Internet Connected	Connected Clients 4	
Click on any item in the diagram for more information.	Connected Clients: 1	
Internet DIR	.818LW	
	•	
\sim	USB Device	
\bigcirc	USB Device	
DIR-818LW		
DIR-818LW		
P IPv4 Network MAC Address: 9C:D6:43:C5:43:34	WI-FI 2.4GHz Status: Enabled	
P IPv4 Network MAC Address: 9C.D6.43.C5.43.34 Router IP Address: 192.168.0.1	WI-FI 2.4GHz Status: Enabled WI-FI Name (SSID): dlink-4334	
P IPv4 Network MAC Address: 9C:D6:43:C5:43:34	WHFI 2.4GHz Status: Enabled WFFI Xane (SSID): dink-434 Password: 1234567890	
P IPv4 Network MAC Address: 9C.D6.43.C5.43.34 Router IP Address: 192.168.0.1	WI-FI 2.4GHz Status: Enabled WI-FI Name (SSID): dlink-4334	
Pv4 Network MAC Address: 9C.D6.43.C5.43.34 Router IP Address: 192.168.0.1 Subnet Mask: 255.255.0	WHFI 2.4GHz Status: Enabled WFFI Xane (SSID): dink-434 Password: 1234567890	
✓ IPv4 Network MAC Address: 9C.D6.43.05.43.34 Router IP Address: 192.168.0.1 Subnet Mask: 255.255.255.0 ✓ IPv6 Network	Image: Wi-Fi 2.4GHz Status: Enabled Mi-Fi Name (SSID): dlink-434 Password: 124567890 Image: Side of the state of the s	
♀ IPv4 Network MAC Address: 9C.D6:43:C5:43:34 Router IP Address: 192:183:0.1 Subnet Mask: 255:255:255:0 ♀ IPv6 Network Link-Local Address: FE80::9ED6:43FF;FEC5:4334	Image: Constraint of the status Enabled Status: Enabled Wi-Fi Name (SSID): dlink-4334 Pasword: 1234567890 Image: Constraint of the status Constraint of the status Status: Enabled Status: Enabled	

Connected Clients

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

On this page you can see all the clients currently connected to the router, and their IP addresses.

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

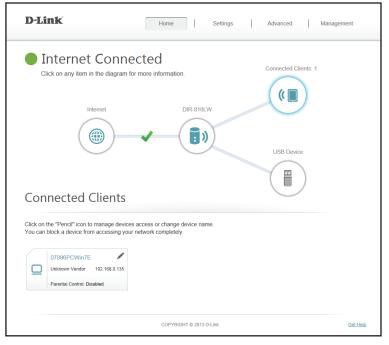
Name: Enter a custom name for this client.

Vendor: Displays the vendor of the device.

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

Reserve IP: Enable to reserve this IP address for this client.

Parental Control: If enabled, parental control will completely disable all network activity on the client according to a custom schedule. A drop-down menu will appear; select the time schedule during which parental control will take effect. The schedule may be set to **Always OFF** to indefinitely deny network access to the client, or you can create your own schedules in the **Schedules** section (refer to page 116).



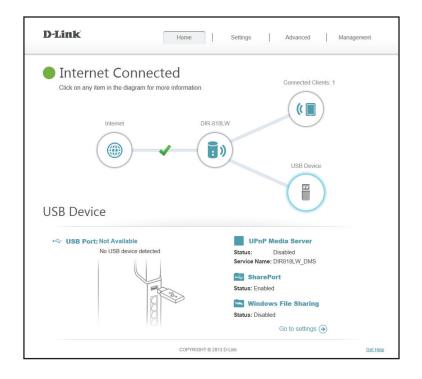


USB Device

Click on the **USB Device** icon to view details about the currently connected USB device, the UPnP media server, SharePort, and Windows File Sharing.

If you have a USB device connected, you can see its name and how much free space it has.

To configure your SharePort settings, click **Go to settings** and refer to page 101.



Settings Wizard

In the Settings menu on the bar on the top of the page, click **Wizard** to open the setup wizard. This is the same wizard that appears when you start the router for the first time. Refer to page 12 for details.

Internet

In the Settings menu on the bar on the top of the page, click **Internet** to see the Internet configuration options.

My Internet Choose your Internet connection type from the drop-down menu. Connection Is: You will be presented with the appropriate options for your connection type. Click **Advanced Settings...** to expand the list and see all of the options.

	Internet			
	Use this section to configure your Interm from Static IP, DHCP, PPPoE, PPTP, L2 please contact your Internet service prov disable any PPPoE client software on yo	TP and DS-Lite. If you a rider. Note: If using the F	are unsure of your co PPoE option, you w	nnection method,
Settings >> Internet			IPv6	Save

For **Dynamic IP (DHCP)** refer to page 73.

For **Static IP** refer to page 74.

For **PPPoE** refer to page 75.

For **PPTP** refer to page 76.

For **L2TP** refer to page 78.

For **DS-Lite** refer to page 80.

To configure an IPv6 connection, click the **IPv6** link. Refer to page 81.

Dynamic IP (DCHP)

Select **Dynamic IP (DHCP)** to obtain IP address information automatically from your Internet Service Provider (ISP). Select this option if your ISP does not give you an IP address to use.

- Host Name: The host name is optional but may be required by some ISPs. Leave it blank if you are not sure.
- **Primary DNS** Enter the primary DNS server IP address assigned by your ISP. This **Server:** address is usually obtained automatically from your ISP.
- Secondary DNS Enter the secondary DNS server IP address assigned by your ISP. This Server: address is usually obtained automatically from your ISP.
 - MTU: Maximum Transmission Unit you may need to change the MTU for optimal performance with your ISP.
 - MAC Address The default MAC address is set to the Internet port's physical interface Clone: MAC address on the router. You can use the drop-down menu to replace the Internet port's MAC address with the MAC address of a connected client.

D-Link	Hom	e Settings	Advanced	Management
	Internet			
	from Static IP, DHCP, PPPo please contact your Interne	e your Internet Connection type. DE, PPTP, L2TP and DS-Lite. If t service provider. Note: If using pftware on your computers. <u>Clic</u>	you are unsure of your the PPPoE option, you	connection method,
Settings >> Internet			IPv6	Save
	My Internet Connection is:	Dynamic IP (DHCP)		
				Advanced Setting
	Host Name:	dlinkrouter		
	Host Name: Primary DNS Server:	dlinkrouter		
		dlinkrouter		
	Primary DNS Server:	Auto		

Static IP

Select Static IP if your IP information is provided by your Internet service provider (ISP).

IP Address: Enter the IP address provided by your ISP.

Subnet Mask: Enter the subnet mask provided by your ISP.

Default Enter the default gateway address provided by your ISP. **Gateway:**

- Primary DNS Enter the primary DNS server IP address assigned by your ISP. Server:
- Secondary DNS Enter the secondary DNS server IP address assigned by your ISP. Server:
 - MTU: Maximum Transmission Unit you may need to change the MTU for optimal performance with your ISP.
 - MAC Address The default MAC address is set to the Internet port's physical interface Clone: MAC address on the router. You can use drop-down menu to replace the Internet port's MAC address with the MAC address of a connected client.

D-Link	Home	Settings	Advance	ed Management
	Internet			
	from Static IP, DHCP, PPPc please contact your Internet	E, PPTP, L2TP and DS-Lite.	If you are unsure ig the PPPoE opti	eral connection types to choos of your connection method, ion, you will need to remove o
Settings >> Internet			IPv	<u>/6</u> Save
	My Internet Connection is:	Static IP		
	IP Address:]	
	Subnet Mask:			
	Default Gateway:			
	Primary DNS Server:			
				Advanced Settings
	Secondary DNS Server:			
	MTU:	Auto		
	Mac Address Clone:	9C:D6:43:C5:43:36	<< MAC Addr	ess 🗸
	cc	PPYRIGHT © 2013 D-Link		

PPPoE

Select **PPPoE** if your Internet connection requires you to enter a username and password. This information is provided by your Internet service provider (ISP).

Username: Enter the username provided by your ISP.

Password: Enter the password provided by your ISP.

- **Reconnect** Select either **Always-on**, **On-Demand**, or **Manual**. **Mode:**
- Maximum Idle Enter a maximum idle time during which the Internet connection is Time: maintained during inactivity. To disable this feature, enable **Auto**reconnect.
- Address Mode: Select Static IP if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses. In most cases, select Dynamic IP.

IP Address: Enter the IP address provided by your ISP (Static IP only).

Service Name: Enter the ISP service name (optional).

- **Primary DNS** Enter the primary DNS server IP address assigned by your ISP. Server:
- Secondary DNS Enter the secondary DNS server IP address assigned by your ISP. Server:
 - **MTU:** Maximum Transmission Unit you may need to change the MTU for optimal performance with your ISP.

	Internet				
	Use this section to configure from Static IP, DHCP, PPPo please contact your Internet disable any PPPoE client so	bE, PPTP, L2TP and t service provider. No	DS-Lite. If y ote: If using t	ou are unsure of you he PPPoE option, yo	r connection method,
Settings >> Internet				<u>IPv6</u>	Save
	My Internet Connection is:	PPPoE	~		
	Username:				
	Password:				
	Reconnect Mode:	On demand	\sim		
	Maximum Idle Time:	5	minutes		
					Advanced Settin
	Address Mode:	Dynamic IP	~		
	Service Name:				
	Primary DNS Server:				
	Secondary DNS Server:				
	MTU:	Auto	~		
		DPYRIGHT © 2013 D-Link			

PPTP

Choose **PPTP** (Point-to-Point-Tunneling Protocol) if your Internet Service Provider (ISP) uses a PPTP connection. Your ISP will provide you with a username and password.

PPTP Server IP Enter the PPTP server IP address provided by your ISP. Address:

Username: Enter the username provided by your ISP.

Password: Enter the password provided by your ISP.

- **Reconnect** Select either **Always-on**, **On-Demand**, or **Manual**. **Mode:**
- Maximum Idle Enter a maximum idle time during which the Internet connection Time: is maintained during inactivity. To disable this feature, enable Autoreconnect.
- Address Mode: Select Static IP if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses. In most cases, select **Dynamic IP**.

PPTP IP Enter the IP address provided by your ISP (Static IP only). **Address:**

- PPTP Subnet Enter the subnet mask provided by your ISP (Static IP only). Mask:
- PPTP Gateway Enter the gateway IP address provided by your ISP (Static IP only). IP Address:
- Primary DNS Enter the primary DNS server IP address assigned by your ISP. Server:

D-Link	Home	e Se	ettings	Advanced	Management
	Internet				
	Use this section to configure from Static IP, DHCP, PPPo please contact your Internet disable any PPPoE client so	DE, PPTP, L2TP an t service provider. N	d DS-Lite. If y lote: If using	ou are unsure of your the PPPoE option, you	connection method,
Settings >> Internet				<u>IPv6</u>	Save
	My Internet Connection is:	PPTP	~		
	PPTP Server IP Address:				
	Username:				
	Password:				
	Reconnect Mode:	On demand	×		
	Maximum Idle Time:	5	minutes		
					Advanced Setting
	Address Mode:	Dynamic IP	\sim		
	Primary DNS Server:				
	Secondary DNS Server:				
	MTU:	Auto	\sim		
	cc	DPYRIGHT © 2013 D-LI	nk		

- Secondary DNS Enter the secondary DNS server IP address assigned by your ISP. Server:
 - MTU: Maximum Transmission Unit you may need to change the MTU for optimal performance with your ISP.

D-Link	Hom	e Se	ettings	Advanced	Management
	Internet				
	Use this section to configur from Static IP, DHCP, PPP please contact your Interne disable any PPPoE client s	oE, PPTP, L2TP an t service provider. N	d DS-Lite. If yo lote: If using th	ou are unsure of your one PPPoE option, you	connection method,
Settings >> Internet				IPv6	Save
	My Internet Connection is:	PPTP	~		
	PPTP Server IP Address:				
	Username:				
	Password:				
	Reconnect Mode:	On demand	\sim		
	Maximum Idle Time:	5	minutes		
					Advanced Settings.
	Address Mode:	Dynamic IP	\sim		
	Primary DNS Server:				
	Secondary DNS Server:				
	MTU:	Auto	~		
	C	DPYRIGHT © 2013 D-Li	nk		

L2TP

Choose L2TP (Layer 2 Tunneling Protocol) if your Internet Service Provider (ISP) uses a L2TP connection. Your ISP will provide you with a username and password.

L2TP Server IP Enter the L2TP server IP address provided by your ISP. Address:

Username: Enter the username provided by your ISP.

Password: Enter the password provided by your ISP.

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

- Maximum Idle Enter a maximum idle time during which the Internet connection Time: is maintained during inactivity. To disable this feature, enable Autoreconnect.
- Address Mode: Select Static IP if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses. In most cases, select **Dynamic IP**.

L2TP IP Enter the IP address provided by your ISP (Static IP only). **Address:**

- L2TP Subnet Enter the subnet mask provided by your ISP (Static IP only). Mask:
- L2TP Gateway Enter the gateway IP address provided by your ISP (Static IP only). IP Address:
- Primary DNS Enter the primary DNS server IP address assigned by your ISP. Server:

D-Link	Home	e Se	ttings	Advanced	Management
	Internet				
	Use this section to configure from Static IP, DHCP, PPPo please contact your Internet disable any PPPoE client so	E, PPTP, L2TP and service provider. N	d DS-Lite. If y lote: If using t	ou are unsure of your he PPPoE option, you	connection method,
Settings >> Internet				<u>IPv6</u>	Save
	My Internet Connection is:	L2TP	~		
	L2TP Server IP Address:				
	Username:				
	Password:				
	Reconnect Mode:	On demand	\sim		
	Maximum Idle Time:	5	minutes		
					Advanced Setting
	Address Mode:	Dynamic IP	~		
	Primary DNS Server:				
	Secondary DNS Server:				
	MTU:	Auto	\sim		
	cc	PYRIGHT © 2013 D-Li	nk		

- Secondary DNS Enter the secondary DNS server IP address assigned by your ISP. Server:
 - MTU: Maximum Transmission Unit you may need to change the MTU for optimal performance with your ISP.

D-Link	Hom	e Se	ettings	Advanced	Management
	Internet				
	Use this section to configur from Static IP, DHCP, PPP, please contact your Interne disable any PPPoE client se	oE, PPTP, L2TP an t service provider. N	d DS-Lite. If yo lote: If using th	ou are unsure of your ne PPPoE option, you	connection method,
Settings >> Internet				<u>IPv6</u>	Save
	My Internet Connection is:	L2TP	~		
	L2TP Server IP Address:				
	Username:				
	Password:				
	Reconnect Mode:	On demand	\sim		
	Maximum Idle Time:	5	minutes		
					Advanced Settings
	Address Mode:	Dynamic IP	\sim		
	Primary DNS Server:				
	Secondary DNS Server:				
	MTU:	Auto	\sim		
	cc	DPYRIGHT © 2013 D-L	nk		

DS-Lite

DS-Lite is an IPv6 connection type. After selecting DS-Lite, the following parameters will be available for configuration:

DS-Lite Select DS-Lite DHCPv6 to let the router allocate the AFTR IPv6 Configuration: address automatically. Select Manual Configuration to enter the AFTR IPv6 address manually.

AFTR IPv6 If you selected Manual Configuration above, enter the AFTR IPv6 **Address:** address used here.

B4 IPv6 Enter the B4 IPv4 address value used here. **Address:**

- WAN IPv6 Once connected, the WAN IPv6 address will be displayed here. Address:
- IPv6 WAN Once connected, the IPv6 WAN default gateway address will be **Default** displayed here.

Gateway:

D-Link	Home	Settings	Advand	ed	Management
	Internet				
	Use this section to configure yo from Static IP, DHCP, PPPOE, please contact your Internet se disable any PPPoE client softw	PPTP, L2TP and DS-Lite rvice provider. Note: If us	e. If you are unsure ing the PPPoE op	e of your con tion, you will	nection method,
Settings >> Internet			IF	<u>1v6</u>	Save
	My Internet Connection is: D	S-Lite	~		
				1	Advanced Setting
	DS-Lite Configuration:	S-Lite DHCPv6 Option	~		
	B4 IPv4 Address: 192	.0.0.			
	WAN IPv6 Address: Not	Available			
	IPv6 WAN Default Gateway: Not	Available			
	COPYE	RIGHT © 2013 D-Link			
	COPYE	RIGHT © 2013 D-Link			

IPv6

To configure an IPv6 connection, click the **IPv6** link. To return to the IPv4 settings, click **IPv4**.

My Internet Choose your IPv6 connection type from the drop-down menu. You Connection Is: will be presented with the appropriate options for your connection type. Click Advanced Settings... to expand the list and see all of the options.

For Auto Detection refer to page 82.

For **Static IPv6** refer to page 84.

For Auto Configuration (SLAAC/DHCPv6) refer to page 86.

For **PPPoE** refer to page 88.

For IPv6 in IPv4 Tunnel refer to page 90.

For **6 to 4** refer to page 92.

For **6rd** refer to page 93.

For Local Connectivity Only refer to page 95.

D-Link	Home Settings	Advanced	Management
	IPv6		
6	All of your IPv6 Internet and network connection details are dis	played on this page. <u>C</u>	lick here for help.
Settings >> Internet >>	IPv6	<u>IPv4</u>	Save
	My Internet Connection is: Local Connectivity Only		
			Advanced Setting
IPv6 ULA SETTINGS			
	Enable ULA: Enabled		
	Use Default ULA Prefix: Enabled		
CURRENT IPv6 ULA SE	TTINGS		
	Current ULA Prefix: Not Available		
	LAN IPv6 ULA: Not Available		

Auto Detection

Auto Detection mode (not Auto-Configuration mode) automatically detects IPv6 the connection method used by your Internet Service Provider (ISP). If your ISP provides an IPv6 service and Auto Detection failed to detect it, the user must manually select another IPv6 connection type (such as PPPoE, Auto Configuration, 6rd, DS-Lite etc.)

DNS Type: Select either Obtain DNS server address automatically or Use the following DNS address.

- Primary DNS If you selected Use the following DNS address above, enter the Server: primary DNS server address.
- Secondary DNS If you selected Use the following DNS address above, enter the Server: secondary DNS server address.
 - Enable DHCP- Enable or disable prefix delegation services. PD:
 - LAN IPv6 If you disabled DHCP-PD, enter the LAN (local) IPv6 address for the Address: router.

LAN IPv6 Link- Displays the router's LAN link-local address. Local Address:

Enable Enable or disable the Automatic IPv6 Address Assignment feature. Automatic IPv6 Address Assignment:

Enable Enable or disable automatic DHCP-PD services. Automatic DHCP-PD in LAN:

D-Link	Home	•	Settings		Advanced		Management
IP	/6						
All of y	our IPv6 Internet and	network conne	ction details	are dis	blayed on this	page. <u>Cl</u>	ick here for help.
Settings >> Internet >> IPv6					IPv4		Save
My In	ternet Connection is:	Auto Detection	1	~			
IPv6 DNS SETTINGS							
	DNS Type:	Use the follow	ing DNS	~			
1	Primary DNS Server:						
Sec	condary DNS Server:						
LAN IPv6 ADDRESS SETTINGS							
	Enable DHCP-PD:	Enabled					
LAN IPv6	Link-Local Address:	Not Available					
							Advanced Setting
ADDRESS AUTOCONFIGURATIO							
Enable Automatic IPv6 A	Address Assignment:	Enabled					
Enable Automat	ic DHCP-PD in LAN:	Enabled					
Aut	oconfiguration Type:	SLAAC+State	ess DHCP	\sim			
Router Ad	vertisement Lifetime:	minute	5				

Auto Select Stateful (DHCPv6), SLAAC + RDNSS or SLAAC + Stateless Configuration DHCPv6. Type:

Router Enter the IPv6 address lifetime (in minutes). Advertisement Lifetime:

D-Link	Hom	e Settings	Advanced	Management
	IPv6			
	All of your IPv6 Internet and	d network connection details are dis	played on this pag	e. <u>Click here for help.</u>
Settings >> Internet >> I	Pv6		IPv4	Save
	My Internet Connection is:	Auto Detection		
IPv6 DNS SETTINGS				
	DNS Type:	Use the following DNS		
	Primary DNS Server:			
	Secondary DNS Server:			
LAN IPv6 ADDRESS SET	TINGS			
	Enable DHCP-PD:	Enabled		
	LAN IPv6 Link-Local Address:	Not Available		Adversed 0 - 16 -
				Advanced Settings
ADDRESS AUTOCONFIG				
Enable Autom	atic IPv6 Address Assignment:	Enabled		
Enabl	e Automatic DHCP-PD in LAN:	Enabled		
	Autoconfiguration Type:	SLAAC+Stateless DHCP 🗸		
	Router Advertisement Lifetime:	minutes		

Static IPv6

Select **Static IP** if your IPv6 information is provided by your Internet service provider (ISP).

- Use Link-Local Enable or disable a link-local address. Address:
- IPv6 Address: If you disabled Use Link-Local Address, enter the address supplied by your ISP.
- Subnet Prefix If you disabled Use Link-Local Address, enter the subnet prefix Length: length supplied by your ISP.

Default Enter the default gateway for your IPv6 connection. **Gateway:**

- Primary DNS Enter the primary DNS server address. Server:
- Secondary DNS Enter the secondary DNS server address. Server:

LAN IPv6 Enter the LAN (local) IPv6 address for the router. Address:

LAN IPv6 Link- Displays the router's LAN link-local address. Local Address:

Enable Check to enable the Automatic IPv6 Address Assignment feature. Automatic IPv6 Address Assignment:

D-Link	Ho	me	Settings		Advance	ed	Management
IF	Pv6						
All	of your IPv6 Internet a	nd network cor	nnection deta	ils are dis	splayed on th	is page.	Click here for help.
Settings >> Internet >> IPv6					IP	<u>14</u>	Save
М	y Internet Connection is	Static IPv6		~			
	Use Link-Local Addres	Enabled					
	Default Gateway	<i>[</i> :					
	Primary DNS Serve	r:					
	Secondary DNS Serve	r:					
LAN IPv6 ADDRESS SETTING	S						
	LAN IPv6 Address	s:				/6	4
LAN I	Pv6 Link-Local Addres	S: Not Available					Advanced Setting
ADDRESS AUTOCONFIGURA	TION SETTINGS						
Enable Automatic IP	v6 Address Assignmen	t Enabled					
	Autoconfiguration Type	SLAAC+St	ateless DHCP	\sim			
Router	Advertisement Lifetime	e: 60 mi	nutes				

Auto Select Stateful (DHCPv6), SLAAC + RDNSS or SLAAC + Stateless Configuration DHCPv6. Type:

Router Enter the IPv6 address lifetime (in minutes). Advertisement Lifetime:

D-Link	Но	me Settings	Advanced	Management
	IPv6			
6	All of your IPv6 Internet a	nd network connection details are d	isplayed on this pa	ge. <u>Click here for help.</u>
Settings >> Internet	>> IPv6		<u>IPv4</u>	Save
	My Internet Connection is	Static IPv6		
	Use Link-Local Address	Enabled		
	Default Gateway	c]
	Primary DNS Serve	r]
	Secondary DNS Serve	с		
LAN IPv6 ADDRESS	SETTINGS			
	LAN IPv6 Address	K		/64
	LAN IPv6 Link-Local Address	: Not Available		Advanced Settings
ADDRESS AUTOCO	FIGURATION SETTINGS			
Enable A	utomatic IPv6 Address Assignmen	t Enabled		
	Autoconfiguration Type	SLAAC+Stateless DHCP V		
	Router Advertisement Lifetime	e: 60 minutes		

Auto Configuration (SLAAC/DHCPv6)

This is a connection method where the ISP assigns your IPv6 address when your router requests one from the ISP's server. Some ISPs require you to make some settings on your side before your router can connect to the IPv6 Internet.

DNS Type: Select either Obtain DNS server address automatically or Use the following DNS address.

- Primary DNS If you selected Use the following DNS address above, enter the Server: primary DNS server address.
- Secondary DNS If you selected Use the following DNS address above, enter the Server: secondary DNS server address.
- Enable DHCP- Enable or disable prefix delegation services. PD:

LAN IPv6 If you disabled DHCP-PD, enter the LAN (local) IPv6 address for the Address: router.

LAN IPv6 Link- Displays the router's LAN link-local address. Local Address:

Enable Enable or disable the Automatic IPv6 Address Assignment feature. Automatic IPv6 Address Assignment:

Enable Enable or disable automatic DHCP-PD services. Automatic DHCP-PD in LAN:

D-Link	1	Home	Settings		Advanced	I	Management
IF	⊃v6						
All	of your IPv6 Interne	t and network o	connection details	are disp	layed on this p	age. <u>Clie</u>	ck here for help.
Settings >> Internet >> IPv6					<u>IPv4</u>		Save
М	y Internet Connectio	n is: Auto Cor	figuration	~			
IPv6 DNS SETTINGS							
	DNS T	ype: Obtain a	DNS server	~			
LAN IPv6 ADDRESS SETTING	s		_				
	Enable DHCP-						
LAN I	Pv6 Link-Local Addr	ess: Not Availal	ble			Å	dvanced Settings
ADDRESS AUTOCONFIGURA	TION SETTINGS						
Enable Automatic IP	v6 Address Assignm	ent: Enabled					
Enable Auto	matic DHCP-PD in L	AN: Enabled					
	Autoconfiguration T	ype: SLAAC+	Stateless DHCP	\checkmark			
Router	Advertisement Lifeti	ime: m	inutes				

Auto Select Stateful (DHCPv6), SLAAC + RDNSS or SLAAC + Stateless Configuration DHCPv6. Type:

Router Enter the IPv6 address lifetime (in minutes). Advertisement Lifetime:

D-Link	Н	lome Setti	ngs	Advanced	Management
IF	Pv6				
All	of your IPv6 Internet	and network connection	details are disp	olayed on this page	e. <u>Click here for help.</u>
Settings >> Internet >> IPv6				<u>IPv4</u>	Save
M	Internet Connection	is: Auto Configuration	~		
IPv6 DNS SETTINGS	DNS Ty	pe: Obtain a DNS server	~		
LAN IPv6 ADDRESS SETTING	S				
	Enable DHCP-F	PD: Enabled			
LAN II	Pv6 Link-Local Addre	ss: Not Available			Advanced Settings
ADDRESS AUTOCONFIGURA	TION SETTINGS				
Enable Automatic IP	/6 Address Assignme	ent: Enabled			
Enable Auto	matic DHCP-PD in LA	N: Enabled			
	Autoconfiguration Typ	pe: SLAAC+Stateless DI	HCP 🗸		
Router	Advertisement Lifetin	ne: minutes			
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PPPoE

Select **PPPoE** if your Internet connection requires you to enter a username and password. This information is provided by your Internet service provider (ISP).

- **PPPoE Session:** Choose **Share with IPv4** to re-use your IPv4 PPPoE username and password, or **Create a new session**.
 - Username: If you selected **Create a new session** above, enter the PPPoE username provided by your ISP here.
 - Password: If you selected **Create a new session** above, enter the PPPoE password provided by your ISP here.
- Address Mode: Select Static IP if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses. In most cases, select **Dynamic IP**.
 - MTU: Maximum Transmission Unit you may need to change the MTU for optimal performance with your ISP.
 - **DNS Type:** Select either **Obtain DNS server address automatically** or **Use the following DNS address**.

D-Link Hom DIR-850L HW:B1 FW2.00	e Settings Advanced Management
IPv6 All of your IPv6 Internet and	I network connection details are displayed on this page. <u>Click here for help.</u>
Settings >> Internet >> IPv6	IPv4 Save
My Internet Connection is:	PPPoE V
PPPoE Session:	Share with IPv4
Address Mode: MTU:	Dynamic IP V 1492 bytes
IPv6 DNS SETTINGS DNS Type:	Obtain a DNS server
LAN IPv6 ADDRESS SETTINGS	
Enable DHCP-PD: LAN IPv6 Link-Local Address:	Enabled
ADDRESS AUTOCONFIGURATION SETTINGS	
Enable Automatic IPv6 Address Assignment:	Enabled
Enable Automatic DHCP-PD in LAN:	Enabled
Autoconfiguration Type: Router Advertisement Lifetime:	SLAAC+Stateless DHCP V minutes
00	DPYRIGHT © 2013 D-Link

Enable DHCP- Enable DHCP-PD for LAN IPv6. PD:

LAN IPv6 Link- Displays the router's LAN link-local address. Local Address:

Enable Enable automatic IPv6 address assignment. Automatic IPv6 Address Assignment:

Enable Enable automatic DHCP-PD assignment in LAN. Automatic DHCP-PD in LAN:

Auto Select SLAAC + RDNSS or SLAAC + Stateless DHCP, Stateful Configuration (DHCPv6).

Type:

Router Enter the IPv6 address lifetime (in minutes). Advertisement Lifetime:

D-Link Hom DIR-850L HW:B1 FW:2.00	e Settings Advanced Management
IPv6	
All of your IPv6 Internet and	d network connection details are displayed on this page. <u>Click here for help</u>
Settings >> Internet >> IPv6	IPv4 Save
My Internet Connection is:	PPPoE V
PPPoE Session:	Share with IPv4
Address Mode:	Dynamic IP
	1492 bytes
IPv6 DNS SETTINGS DNS Type:	Oblain a DNS server
LAN IPv6 ADDRESS SETTINGS	
Enable DHCP-PD:	
LAN IPv6 Link-Local Address:	Not Available Advanced Setting
ADDRESS AUTOCONFIGURATION SETTINGS	
Enable Automatic IPv6 Address Assignment:	Enabled
Enable Automatic DHCP-PD in LAN:	
Autoconfiguration Type:	
Router Advertisement Lifetime:	minutes

IPv6 in IPv4 Tunnel

The user can configure the IPv6 connection to run in IPv4 Tunnel mode. IPv6 over IPv4 tunneling encapsulates IPv6 packets in IPv4 packets so that IPv6 packets can be sent over an IPv4 infrastructure.

- **Remote IPv4** Enter the IPv4 remote address you will use. Address:
- **Remote IPv6** Enter the IPv6 remote address you will use. Address:
 - Local IPv4 Enter the IPv4 local address you will use. Address:
 - Local IPv6 Enter the IPv6 local address you will use. Address:
- Subnet Prefix Enter the subnet prefix length supplied by your ISP. Length:
 - **DNS Type:** Select either **Obtain DNS server address automatically** or **Use the following DNS address**.
- Primary DNS If you selected Use the following DNS address above, enter the Server: primary DNS server address.
- Secondary DNS If you selected Use the following DNS address above, enter the Server: secondary DNS server address.
- Enable DHCP- Enable or disable prefix delegation services. PD:

AN IPv6	If you disabled DHCP-PD, enter the LAN (local) IPv6 address for the
Address:	router.

D-Link	Home Sett	lings	Advanced	Management
IF	Pv6			
	of your IPv6 Internet and network connection	details are dis	played on this pag	ge. Click here for help.
Settings >> Internet >> IPv6			<u>IPv4</u>	Save
Му	Internet Connection is: IPv6 in IPv4 Tunnel	~		
	Remote IPv4 Address:			
	Remote IPv6 Address:			
	Local IPv4 Address: 172.17.5.103			_
	Local IPv6 Address:			j
	Subnet Prefix Length:			
IPv6 DNS SETTINGS				
	DNS Type: Obtain a DNS serve	r 🗸		
LAN IPv6 ADDRESS SETTINGS	ŝ			
	Enable DHCP-PD: Enabled			
LAN IF	Pv6 Link-Local Address: Not Available			
				Advanced Settings.
ADDRESS AUTOCONFIGURAT				
Enable Automatic IPv	6 Address Assignment: Enabled			
Enable Auton	matic DHCP-PD in LAN: Enabled			
/	Autoconfiguration Type: SLAAC+Stateless D	HCP 🗸		
Router	Advertisement Lifetime: 60 minutes			
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Section 4 - Configuration

LAN IPv6 Link- Displays the router's LAN link-local address. Local Address:

Enable Enable or disable the Automatic IPv6 Address Assignment feature. Automatic IPv6 Address Assignment:

Enable Enable or disable automatic DHCP-PD services. Automatic DHCP-PD in LAN:

Auto Select Stateful (DHCPv6), SLAAC + RDNSS or SLAAC + Stateless Configuration DHCPv6.

Type:

Router Enter the IPv6 address lifetime (in minutes). Advertisement Lifetime:

D-Link	Home Settings	Advanced	Management
	IPv6		
	All of your IPv6 Internet and network connection details	are displayed on this pa	ge. <u>Click here for help.</u>
Settings >> Internet >> IP	v6	IPv4	Save
	My Internet Connection is: IPv6 in IPv4 Tunnel	~	
	Remote IPv4 Address:		
	Remote IPv6 Address:]
	Local IPv4 Address: 172.17.5.103		
	Local IPv6 Address:		
	Subnet Prefix Length:		
IPv6 DNS SETTINGS			
	DNS Type: Obtain a DNS server	~	
LAN IPv6 ADDRESS SETT	INGS		
	Enable DHCP-PD: Enabled		
L	AN IPv6 Link-Local Address: Not Available		
			Advanced Settings
ADDRESS AUTOCONFIGU	IRATION SETTINGS		
Enable Automat	ic IPv6 Address Assignment: Enabled		
Enable	Automatic DHCP-PD in LAN: Enabled		
	Autoconfiguration Type: SLAAC+Stateless DHCP	~	
R	outer Advertisement Lifetime: 60 minutes	_	
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6 to 4

In this section the user can configure the IPv6 6 to 4 connection settings. 6to4 is an IPv6 address assignment and automatic tunneling technology that is used to provide unicast IPv6 connectivity between IPv6 sites and hosts across the IPv4 Internet.

6 to 4 Address: Displays the 6 to 4 address.

6 to 4 Relay: Enter the 6 to 4 relay supplied by your ISP.

Primary DNS Enter the primary DNS server address. Server:

Secondary DNS Enter the secondary DNS server address. Server:

> LAN IPv6 Enter the LAN (local) IPv6 address for the router. Address:

LAN IPv6 Link- Displays the router's LAN link-local address. Local Address:

Enable Check to enable the Automatic IPv6 Address Assignment feature. Automatic IPv6 Address Assignment:

Auto Select Stateful (DHCPv6), SLAAC + RDNSS or SLAAC + Stateless Configuration DHCPv6.

Type:

Router Enter the IPv6 address lifetime (in minutes). Advertisement Lifetime:

D-Link	H	Home Settings		Advanced	Management
	IPv6				
6	All of your IPv6 Internet	t and network connection detail:	s are display	red on this page	 <u>Click here for help.</u>
Settings >> Internet >	>> IPv6			<u>IPv4</u>	Save
	My Internet Connection	n is: 6to4	~		
	6to4 Addre	ess: 172.17.5.103			
	6to4 Rel	lay: 192.88.99.1			
	Primary DNS Sen	ver:			
	Secondary DNS Serv	ver:			
LAN IPv6 ADDRESS	SETTINGS				
	LAN IPv6 Addre	ess: FFFF:FFFF:FFFF:	::17	/64	
	LAN IPv6 Link-Local Addre	ess: Not Available			Advanced Setting
ADDRESS AUTOCON	FIGURATION SETTINGS				
Enable Au	utomatic IPv6 Address Assignme				
	Autoconfiguration Ty	/pe: SLAAC+Stateless DHCP	~		
	Router Advertisement Lifetin	me: minutes			

6rd

In this section the user can configure the IPv6 6rd connection settings.

Assign IPv6 Currently unsupported. Prefix:

- Primary DNS Enter the primary DNS server address. Server:
- Secondary DNS Enter the secondary DNS server address. Server:
- **Enable Hub and** Enable if you want to minimize the number of routes to the **Spoke Mode:** destination by using a hub and spoke method of networking.

6rd Choose the 6rd DHCPv4 Option to automatically discover and Configuration: populate the data values, or Manual Configuration to enter the settings yourself.

6rd IPv6 Prefix: Enter the 6rd IPv6 prefix and mask length supplied by your ISP (manual configuration only).

6rd Border Enter the 6rd border relay IPv4 address settings supplied by your ISP **Relay IPv4** (manual configuration only). **Address:**

LAN IPv6 Enter the LAN (local) IPv6 address for the router. Address:

LAN IPv6 Link- Displays the router's LAN link-local address. Local Address:

D-Link	Home Settings	Advanced	Management
	IPv6		
	All of your IPv6 Internet and network connection details	s are displayed on this pag	e. Click here for help.
C			
Settings >> Interne	at >> IPv6	<u>IPv4</u>	Save
	My Internet Connection is: 6rd	×	
	Assign IPv6 Prefix:		
	Primary DNS Server:		
	Secondary DNS Server:		
6RD MANUAL CON	IFIGURATION		
	Enable Hub and Spoke Mode: Enabled		
	6rd Configuration: 6rd DHCPv4 Option	\sim	
LAN IPv6 ADDRES	S SETTINGS		
	LAN IPv6 Address: Not Available		
	LAN IPv6 Link-Local Address: Not Available		Advanced Settings
ADDRESS AUTOCO	ONFIGURATION SETTINGS		
Enable	Automatic IPv6 Address Assignment: Enabled		
	Autoconfiguration Type: SLAAC+Stateless DHCP	\sim	
	Router Advertisement Lifetime: minutes		

Enable Check to enable the Automatic IPv6 Address Assignment feature. Automatic IPv6 Address Assignment:

Auto Select Stateful (DHCPv6), SLAAC + RDNSS or SLAAC + Stateless Configuration DHCPv6. Type:

Router Enter the IPv6 address lifetime (in minutes). Advertisement Lifetime:

D-Link		Home Settings	Advanced	Management
	IPv6			
6	All of your IPv6 Interne	et and network connection details are o	displayed on this page	e. <u>Click here for help.</u>
Settings >> Internet	>> IPv6		<u>IPv4</u>	Save
	My Internet Connection	on is: 6rd 🗸		
	Assign IPv6 P	refix:		
	Primary DNS Se	rver:		
	Secondary DNS Se	rver:		
6RD MANUAL CONF	IGURATION			
	Enable Hub and Spoke M	lode: Enabled		
	6rd Configura	ation: 6rd DHCPv4 Option		
LAN IPv6 ADDRESS	SETTINGS			
		ress: Not Available		
	LAN IPv6 Link-Local Add	ress: Not Available		Advanced Settings.
ADDRESS AUTOCO	NFIGURATION SETTINGS			
Enable A	utomatic IPv6 Address Assignm	nent: Enabled		
	Autoconfiguration T	ype: SLAAC+Stateless DHCP V		
	Router Advertisement Life	time: minutes		

Local Connectivity Only

Local Connectivity Only allows you to set up an IPv6 connection that will not connect to the Internet.

Enable ULA: Click here to enable Unique Local IPv6 Unicast Addresses settings.

Use Default Checking this box will automatically configure the ULA prefix for **ULA Prefix:** the default setting.

ULA Prefix: If you wish to choose your own ULA prefix, enter it here.

Current IPv6 This section will display the current settings for your IPv6 ULA. **ULA Settings:**

D-Link	Home Settings	Advanced	Management
	Pv6		
	All of your IPv6 Internet and network connection details are displ	ayed on this page.	Click here for help.
Settings >> Internet >> IPvi	6	IPv4	Save
	My Internet Connection is: Local Connectivity Only		
			Advanced Setting
IPv6 ULA SETTINGS			
	Enable ULA: Enabled		
	Use Default ULA Prefix: Enabled		
CURRENT IPv6 ULA SETTIN	IGS		
	Current ULA Prefix: Not Available		
	LAN IPv6 ULA: Not Available		
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Wireless

In the Settings menu on the bar on the top of the page, click **Wireless** to see the wireless configuration options. To configure the router's guest zone, click the **Guest Zone** link. Refer to page 98 for details. Click **Advanced Settings...** to expand the list and see all of the options. The following options apply to both the 2.4 GHz and the 5 GHz wireless frequency bands:

Status: Enable or disable the wireless frequency band.

- Wi-Fi Name Create a name for your wireless network using up to 32 characters. (SSID):
 - Password: Create a password to use for wireless security. Wireless clients will need to enter this password to successfully connect to the network.

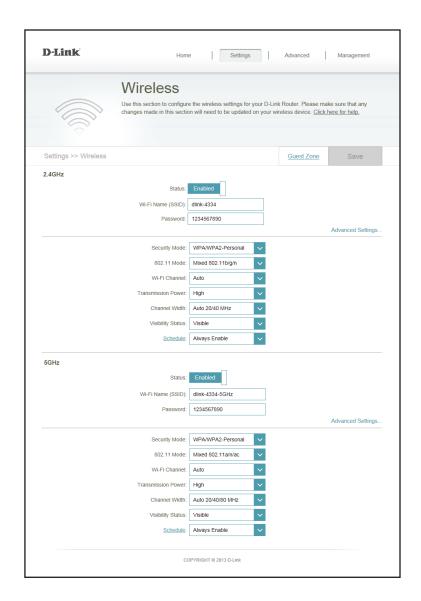
Security Mode: Choose None, WEP, or WPA/WPA2-(Personal) (recommended).

802.11 Mode: Select the desired wireless networking standards to use. The available options will depend on the wireless frequency band, as well as the currently selected security mode.

Wi-Fi Channel: Select the desired channel. The default is Auto (recommended).

Transmission Select the desired wireless transmission power. Power:

- **Channel Width:** A higher channel width allows for faster data transmission, at the possible expense of wireless coverage and compatibility with older wireless clients. Select the optimum channel width for your wireless network from the drop-down menu.
- Visibility Status: The default setting is Visible. Select Invisible if you do not want to broadcast the SSID of your wireless network.



Schedule: Use the drop-down menu to select the time schedule that the Wi-Fi network will be active during. The schedule may be set to **Always Enable**, or you can create your own schedules in the Schedules section (refer to page 116).

D-Link	Home	e Settings	Advanced	Management
V	/ireless			
		e the wireless settings for your on will need to be updated on you		
Settings >> Wireless			Guest Zone	Save
2.4GHz				
	Status:	Enabled		
	Wi-Fi Name (SSID):	dlink-4334		
	Password:	1234567890		
				Advanced Setting
	Security Mode:	WPA/WPA2-Personal V		
	802.11 Mode:	Mixed 802.11b/g/n V		
	Wi-Fi Channel:	Auto 🗸		
	Transmission Power:	High 🗸		
	Channel Width:	Auto 20/40 MHz 🗸		
	Visibility Status:	Visible V		
	Schedule:	Always Enable		
5GHz				
	Status:	Enabled		
	Wi-Fi Name (SSID):	dlink-4334-5GHz		
	Password:	1234567890		
·				Advanced Setting
	Security Mode:	WPA/WPA2-Personal V		
	802.11 Mode:	Mixed 802.11a/n/ac V		
	Wi-Fi Channel:	Auto 🗸		
	Transmission Power:	High 🗸		
	Channel Width:	Auto 20/40/80 MHz 🗸		
	Visibility Status:	Visible		
	Schedule:	Always Enable		

Guest Zone

The guest zone feature will allow you to create temporary zones that can be used by guests to access the Internet. These zones will be separate from your main wireless network. You may configure different zones for the 2.4 GHz and 5 GHz wireless bands.

In the Settings menu on the bar on the top of the page, click **Wireless**, then click the **Guest Zone** link. Click **Advanced Settings...** to expand the list and see all of the options. The following options apply to both the 2.4 GHz and the 5 GHz wireless frequency bands:

Status: Enable or disable the guest zone for each wireless frequency band.

- Wi-Fi Name Enter a wireless network name (SSID) that is different from your main (SSID): wireless network.
- **Password:** Create a password to use for wireless security. Wireless clients will need to enter this password to successfully connect to the guest zone.
- Internet Access Enabling this option will confine connectivity to the Internet, Only: disallowing guests from accessing other local network devices and any other service provided by the router itself.

D-Link	Home Settin	ngs Advanced	Management
	Guest Zone		
	This page lets you enable and configure a Wi-Fi C communicate or detect devices on your home net Home Network Access. <u>Click here for help.</u>		
Settings >> Wireless	>> Guest Zone	<u>Wi-Fi</u>	Save
2.4GHz			
	Status: Enabled		
	WI-FI Name (SSID):		
	Password:		
5GHz			
	Status: Enabled		
	Wi-Fi Name (SSID):		
	Password:		
Home Network Acces	\$5		
	Internet Access Only: Enabled		
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Network

This section will allow you to change the local network settings of the router and to configure the DHCP settings. In the Settings menu on the bar on the top of the page, click **Network**. Click **Advanced Settings...** to expand the list and see all of the options.

LAN 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 of the router. The default subnet mask is 255.255.255.0.

Management The default address to access the router's configuration is Link: http://dlinkrouter.local./ Here, you can replace dlinkrouter with a name of your choice.

Local Domain Enter the domain name (optional). Name:

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

Status: Enable or disable the DHCP server.

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

D-Link	Home Settings	Advanced Management
	Network	
	Use this section to configure the network settings for your device. Y the management link field, and use the link to access web UI in a w change the management link if there are more than one D-Link dev help.	eb browser. We recommend you
Settings >> Network		Save
Network Settings		
	LAN IP Address: 192.168.0.1	
	Subnet Mask: 255.255.255.0	
	Management Link: http:// dlinkrouter .local/	
	Local Domain Name:	
	Enable DNS Relay: Enabled	Advanced Setting
DHCP Server		Advanced Setting
	Status: Enabled	
	DHCP IP Address Range: 192.168.0. 100 to 192.168.0. 199)
	DHCP Lease Time: 10080 minutes	
	Always Broadcast: Enabled (compatibility for some DHCP Clients)	
Advanced Settings		
	WAN Port Speed: Auto	
	UPnP: Enabled	
	IPv4 Multicast Streams: Disabled	
	IPv6 Multicast Streams: Disabled	

DHCP Lease Enter the length of time for the IP address lease in minutes. Time:

Always Enable this feature to broadcast your networks DHCP server to LAN/ Broadcast: WLAN clients.

- WAN Port You may set the port speed of the Internet port to 10 Mbps, Speed: 100 Mbps, 1000 Mbps, or Auto (recommended).
 - **UPnP:** Enable or disable Universal Plug and Play (UPnP). UPnP provides compatibility with networking equipment, software and peripherals.
- IPv4 Multicast Enable to allow IPv4 multicast traffic to pass through the router from Stream: the Internet.
- IPv6 Multicast Enable to allow IPv6 multicast traffic to pass through the router from Stream: the Internet.

D-Link	Home Settings Adv	ranced Management
	Network	
	Use this section to configure the network settings for your device. You the management link field, and use the link to access web Ul in a web change the management link if there are more than one D-Link devices <u>help.</u>	browser. We recommend you
Settings >> Network		Save
Network Settings		
	LAN IP Address: 192.168.0.1	
	Subnet Mask: 255.255.255.0	
	Management Link: http:// dlinkrouter .local/	
	Local Domain Name:	
	Enable DNS Relay: Enabled	
		Advanced Settings
DHCP Server	_	
	Status: Enabled	
	DHCP IP Address Range: 192.168.0. 100 to 192.168.0. 199	
	DHCP Lease Time: 10080 minutes	
	Always Broadcast: Enabled (compatibility for some DHCP Clients)	
Advanced Settings		
	WAN Port Speed: Auto	
	UPnP: Enabled	
	IPv4 Multicast Streams: Disabled	
	IPv6 Multicast Streams: Disabled	

SharePort

This page will allow you to set up access to files on an external USB device plugged into the router. You can do this through the local network or from the Internet using either a web browser or an app on your smartphone or tablet. In the Settings menu on the bar on the top of the page, click **SharePort**.

- **Status:** Check to enable the media server functions, allowing connected clients access to media files over the network.
- UPnP Media Choose a name for your media server so that it can be found. Server:

Windows Choose either Allow all users to access (no password) or Require File Sharing router's admin password to specify whether the router's password (SAMBA): will be required for access.

- Web File Access: Enable remote access to files stored on a USB device plugged into the router through a web browser.
 - Direct Links: This area will display the HTTP and HTTPS links to connect to your SharePort drive through a web browser from a device on your network.

Click **Save** when you are done.

To manage user accounts for SharePort access, click **Create User** and refer to the next page for details.

D-Link	Home	Settings	Advanced	Management
	SharePort			
	SharePort allows you to share photos, router. Access your files locally and re devices, or access them on a compute	motely using the free m	ydlink SharePort app fo	
Settings >> SharePort			Create User	Save
UPnP Media Server				
	Status: Enabled			
	UPnP Media Server: DIR818L	W_DMS		
Windows File Sharing (S	AMBA)			
	Status: Enabled			
	Windows File Sharing: Allow all	users to access (No pass	sword) 🗸	
Web File Access				
	Status: Enabled			
	Direct Links: http://share			
	https://shar	eport.local/		
	COPYRIGHT ©	2012 D Link		

Create User

The Create User page allows you to manage your SharePort user accounts. The current list of user accounts will be displayed, along with their current permissions and access path. If they do not have an account set up, users will be restricted to guest access; only having access to the "Guest" folder on the media server. The router can store a maximum of ten accounts (including the "Admin" account).

If you wish to remove an account, click on its trash can icon in the Delete column. If you wish to edit an account, click on its pencil icon in the Edit column. If you wish to create a new account, click the **Create User** button. If you edit or create a user, the following options will appear:

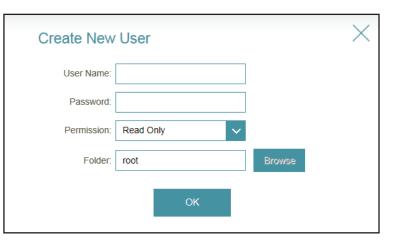


Password: Enter the password which the user will need to enter when logging in.

- **Permission:** Select either **Read Only** or **Read/Write** to control whether the user can edit, add, or delete files on the device.
 - **Folder:** Choose the parent folder that the user will be able to access. Files and folders on a higher level will be unavailable. "root" means that the user can access all files on the device. To change the selected folder, click **Browse** and browse to the desired folder.

Click **OK** when you are done. The new user should be added to the list of user accounts. To save the new list, click **Save**. To return to the SharePort page, click **SharePort**.

D-Link	Home	Settings Adv	vanced	Management
	SharePort			
	"Create User" allows you to manage acc new device will appear in the list with a lin with a user account. Click here for help. (nk to it. You can then use this		
Settings >> SharePort	>> Create User	5	SharePort	Save
User Name	Access Path	Permission	Edit	Delete
Admin	root	Read/Write		-
Create User Remain				
	COPYRIGHT © 20	13 D-Link		



mydlink

Enabling mydlink will allow you to access and manage the mydlink-compatible devices on your network. This can be done either through a web browser or via a smartphone app.

This page allows you to sign in to an existing mydlink account, or sign up for a new mydlink account. In the Settings menu on the bar on the top of the page, click **mydlink**.

If you do not already have a mydlink account, click **No, I want to create a new mydlink account**. Fill out your email address (which will also function as your username), choose a password, and enter your first and last name. Then, click **Sign Up** to create your new mydlink account.

If you already have a mydlink account, click **Yes, I have a mydlink account**. Enter your email address (which is also your username) and your password. Then, click **Sign In** to register your existing mydlink account with your router.

D-Link	Home Settings Advanced Management	
	mydlink	
mydlink	Creating a mydlink account and registering your router with mydlink will allow you to remotely montior manage your network on your smartphone or tablet, as well as through the secure web portal. It also allows you to plug in a USB drive and access the stored files from anywhere in the world through iOS Android apps as well as the web browser on your computer. <u>Click here for help.</u>	
Settings >> mydlink	Sign Up	
mydlink Registration		
Do you hav	e 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:	
	First Name:	
	Last Name:	
	I accept the mydlink terms and conditions.	

	mydlink
mydlink	Creating a mydlink account and registering your router with mydlink will allow you to remotely montior an manage your network on your smartphone or tablet, as well as through the secure web portal. It also allows you to plug in a USB drive and access the stored files from anywhere in the world through iOS an Android apps as well as the web browser on your computer. <u>Click here for help.</u>
Settings >> mydlink	Sign In
mydlink Registration	
Do you have	e 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:

Features QoS Engine

This section will allow you to prioritize particular clients over others, so that those clients receive higher bandwidth. For example, if one client is streaming a movie and another is downloading a non-urgent file, you might wish to assign the former device a higher priority than the latter so that the movie streaming is not disrupted by the traffic of the other devices on the network.

In the Features menu on the bar on the top of the page, click **QoS Engine**.

Under All Devices, you will see device cards representing each connected client. If some are off-screen, you can use the < and > buttons to scroll through the cards.

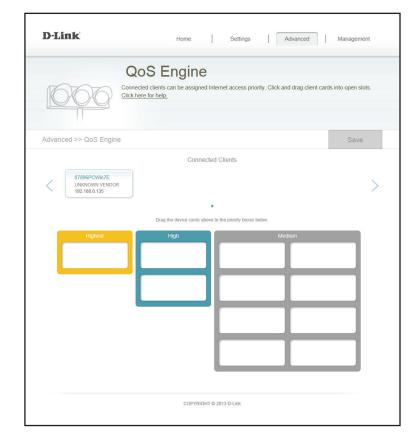
A maximum of one device can be assigned Highest priority.

A maximum of two devices can be assigned High priority.

A maximum of **eight** devices can be assigned **Medium** priority.

If no devices are explicitly assigned a priority, they will all be treated with equal priority. If some devices are not assigned a priority and others are, the unassigned devices will be treated with the lowest priority.

To assign a priority level to a device, drag the device card from the All Devices list over an empty slot and release the mouse button. The card will remain in the slot. If you want to remove a priority assignment from a device and return it to the All Devices list, click the cross icon in the top right of the device card.





Firewall Settings

The router's firewall protects your network from malicious attacks over the Internet. In the Features menu on the bar on the top of the page, click **Firewall Settings**. Click **Advanced Settings...** to expand the list and see all of the options.

Enable DMZ: Enable or disable Demilitarized Zone (DMZ). This completely exposes the client to threats over the Internet, and is not recommended in ordinary situations.

DMZ IP If you enabled DMZ, enter the IP address of the client you wish to **Address:** expose, or use the drop-down menu to quickly select it.

Enable SPI IPv4: Enabling Stateful Packet Inspection (SPI) helps to prevent cyber attacks by validating that the traffic passing through the session conforms to the protocol.

Enable Enable this feature to protect your network from certain kinds of **Anti-Spoof** "spoofing" attacks. **Checking:**

- IPv6 Simple Enable or disable IPv6 simple security. Security:
- IPv6 Ingress Enable or disable IPv6 ingress filtering. Filtering:

	Firewall Settin	ngs		
	Your router's high-performance firewa network and connected devices from	all feature continuously mor		rotecting your
Advanced >> Firewall Se	ettings >> Advanced	IPv4 Rules	IPv6 Rules	Save
	Enable DMZ: Disat	bled		
	Enable SPI IPv4: Disat	bled		
	Enable Anti-spoof Checking: Disat	bled		
	IPv6 Simple Security: Disat	bled		
	IPv6 Ingress Filtering: Disat	bled		
			,	Advanced Setting
Application Level Gatewa	ay (ALG) Configuration	_		
	PPTP: Enabled	d		
	IPSec (VPN): Enable	d		
	RTSP: Enable	d		
	SIP: Enable			

- **PPTP:** Allows multiple machines on the LAN to connect to their corporate network using the PPTP protocol.
- **IPSec (VPN):** Allows multiple VPN clients to connect to their corporate network using IPSec. Some VPN clients support traversal of IPSec through NAT. This Application Level Gateway (ALG) may interfere with the operation of such VPN clients. If you are having trouble connecting with your corporate network, try turning this ALG off. Please check with the system administrator of your corporate network whether your VPN client supports NAT traversal.
 - **RTSP:** Allows applications that uses Real Time Streaming Protocol (RTSP) to receive streaming media from the Internet.
 - **SIP:** Allows devices and applications using VoIP (Voice over IP) to communicate across NAT. Some VoIP applications and devices have the ability to discover NAT devices and work around them. This ALG may interfere with the operation of such devices. If you are having trouble making VoIP calls, try turning this ALG off.

Click **Save** when you are done.

D-Link	Home	Settings	Advanced	Management
	Firewall Settir	ngs		
ALL.	Your router's high-performance firewan network and connected devices from			protecting your
Advanced >> Firewa	II Settings >> Advanced	IPv4 Rules	IPv6 Rules	Save
	Enable DMZ: Disab	led		
	Enable SPI IPv4: Disab	led		
	Enable Anti-spoof Checking: Disab	led		
	IPv6 Simple Security: Disat	bled		
	IPv6 Ingress Filtering: Disab	led		
				Advanced Settings
Application Level Ga	teway (ALG) Configuration			
	PPTP: Enabled			
	IPSec (VPN): Enabled	9		
	RTSP: Enabled	9		
	SIP: Enabled	1		
		9 2013 D-Link		

IPv4/IPv6 Rules

The IPv4/IPv6 Rules section is an advanced option that lets you configure what kind of traffic is allowed to pass through the network. To configure the IPv4 rules, from the Firewall Settings page click **IPv4 Rules**. To configure IPv6 rules, from the Firewall Settings page click **IPv6 Rules**. To return to the main Firewall Settings page, click **Security Check**.

To begin, use the drop-down menu to select whether you want to **ALLOW** or **DENY** the rules you create. You can also choose to turn filtering **OFF**.

If you wish to remove a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, click on its pencil icon in the Edit column. If you wish to create a new rule, click the **Add Rules** button. Click **Save** when you are done. If you edit or create a rule, the following options will appear:

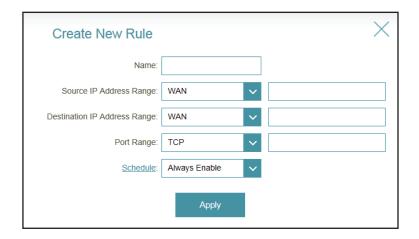
Name: Enter a name for the rule.

Source IP Enter the source IP address range that the rule will apply to, and using **Address Range:** the drop-down menu, specify whether it is a **WAN** or **LAN** IP address.

Destination IP Enter the destination IP address range that the rule will apply to, and **Address Range:** using the drop-down menu, specify whether it is a **WAN** or **LAN** IP address.

- **Port Range:** Select the protocol of the traffic to allow or deny (**Any**, **TCP**, or **UDP**) and then enter the range of ports that the rule will apply to.
 - Schedule: Use the drop-down menu to select the time schedule that the rule will be enabled on. The schedule may be set to **Always Enable**, or you can create your own schedules in the **Schedules** section (refer to page 116).

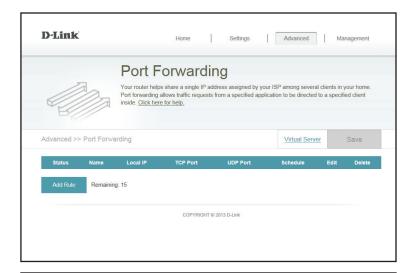
	Eirowall Cattin	a a		
	Firewall Settin	gs		
F	The IPv4 rule section is an advance fea <u>Click here for help.</u>	ature used to deny or allo	w traffic from passin	g through the aevia
Advanced >> Firewal	II Settings >> IPv4 Rules	Advanced	IPv6 Rules	Save
Advanced >> Firewal		Advanced	IPv6 Rules	Save
		Advanced	IPv6 Rules	Save



Port Forwarding

Port forwarding allows you to specify a port or range of ports to open for specific devices on the network. This might be necessary for certain applications to connect through the router. In the Features menu on the bar on the top of the page, click **Port Forwarding**.

If you wish to remove a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, click on its pencil icon in the Edit column. If you wish to create a new rule, click the **Add Rules** button. Click **Save** when you are done. If you edit or create a rule, the following options will appear:



Name: Enter a name for the rule.

- Local IP: Enter the IP address of the computer on your local network that you want to allow the incoming service to. Alternatively, select the device from the drop-down menu.
- **TCP Port:** Enter the TCP ports that you want to open. You can enter a single port or a range of ports. Separate ports with a comma (for example: 24,1009,3000-4000).
- **UDP Port:** Enter the UDP ports that you want to open. You can enter a single port or a range of ports. Separate ports with a comma (for example: 24,1009,3000-4000).
- Schedule: Use the drop-down menu to select the time schedule that the rule will be enabled on. The schedule may be set to **Always Enable**, or you can create your own schedules in the **Schedules** section (refer to page 116).

Create New	Rule		\times
Name:			
Local IP:		<< Computer Name	\sim
TCP Port:			
UDP Port:			
Schedule:	Always Enable		
	Apply	I	

Virtual Server

The virtual server allows you to specify a single public port on your router for redirection to an internal LAN IP Address and Private LAN port. To configure the virtual server, from the Port Forwarding page click **Virtual Server**. To return to the main Port Forwarding page, click **Port Forwarding**.

If you wish to remove a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, click on its pencil icon in the Edit column. If you wish to create a new rule, click the **Add Rules** button. Click **Save** when you are done. If you edit or create a rule, the following options will appear:

				<u>lp.</u>		
Advanced >> Virtual Se	erver		P	ort Forwarding	Sa	IVe
Status Name Lo	ocal IP Protocol	External Port	Internal Port	Schedule	Edit	Delet

Name: Enter a name for the rule.

- Local IP: Enter the IP address of the computer on your local network that you want to allow the incoming service to. Alternatively, select the device from the drop-down menu.
- Protocol: Select the protocol of the traffic to allow or deny (TCP, UDP, Both, or Other).

Protocol If you entered **Other** above, enter the protocol number. **Number:**

External Port: Enter the public port you want to open.

Internal Port: Enter the private port you want to open.

Schedule: Use the drop-down menu to select the time schedule that the rule will be enabled on. The schedule may be set to **Always Enable**, or you can create your own schedules in the **Schedules** section (refer to page 116).

Create New	Rule				\times
Name:			<< Application Name	$\mathbf{\vee}$	
Local IP:			<< Computer Name	\sim	
Protocol:	ТСР	\sim			
External Port:					
Internal Port:					
Schedule:	Always Enable	\sim			
		Apply			

Website Filter

The website filter settings allow you to block access to certain web sites. You can either create a list of sites to block, or create a list of sites to allow (with all other sites being blocked).

In the Features menu on the bar on the top of the page, click **Website Filter**.

If you want to create a list of sites to block, select **DENY computers access to ONLY these sites** from the drop-down menu. All other sites will be accessible. If you want to specify a list of sites to allow, select **ALLOW computers access to ONLY these sites** from the drop-down menu. All other sites will be blocked.

You may specify a maximum of fifteen web sites. To add a new site to the list, click **Create New Rule**. Next, under Website URL/Domain enter the URL or domain. If you wish to remove a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, simply replace the URL or domain.

Click **Save** when you are done.

D-Link	Home Settin	gs Advanced Management
	Website Filter	
		at restrict access to a specified web address (URL) or e Website Filter to restrict access to potentially harmfu
Advanced >> Website	Filter	Save
DENY clients access to ON	LY these sites	
	Website URL/Domain	Delete
Add Rule Remain	ing: 14	

Static Routes

The Static Routes section allows you to define custom routes to control how data traffic is moved around your network.

In the Features menu on the bar on the top of the page, click **Static Routes**. To configure IPv6 rules, click **IPv6** and refer to page 112. To return to the main IPv4 static routes page, click **IPv4**.

If you wish to remove a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, click on its pencil icon in the Edit column. If you wish to create a new rule, click the **Add Rules** button. Click **Save** when you are done. If you edit or create a rule, the following options will appear:

		Static Rou	utes					
	R	Once connected to the Inte should be sent. Static route location. <u>Click here for help</u>	es can overrid					
Advanced	>> Static R	outes >> IPv4				<u>IPv6</u>	S	ave
Status	Name	Destination Network	Mask	Gateway	Metric	Interface	Edit	Delete
Add Rout	o Romai	ning: 15						

Name: Enter a name for the rule.

Destination Enter the IP address of packets that will take this route. **Network:**

Enter the netmask of the route.

Mask:

Enter your next hop gateway to be taken if this route is used.

Gateway:

The route metric is a value from 1 to 16 that indicates the cost of **Metric:** using this route. A value 1 is the lowest cost and 15 is the highest cost.

Select the interface that the IP packet must use to transit out of the **Interface:** router when this route is used.

Create New Route)	X
Name:		
Destination Network:		
Mask:		
Gateway:		
Metric:		
Interface:	WAN	×
	Apply	

IPv6

To configure IPv6 rules, on the Static Routes page click **IPv6**. To return to the main IPv4 static routes page, click **IPv4**.

If you wish to remove a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, click on its pencil icon in the Edit column. If you wish to create a new rule, click the **Add Rules** button. Click **Save** when you are done. If you edit or create a rule, the following options will appear:

		Static	Routes					
	R		to the Internet, your Static routes can ove re for help.					
Advanced >	> Static R	outes >> IPv6				IPv4	S	ave
Status	Name	DestNetwork	PrefixLen	Gateway	Metric	Interface	Edit	Delete

Name: Enter a name for the rule.

- **DestNetwork:** This is the IP address of the router used to reach the specified destination.
 - **PrefixLen:** Enter the IPv6 address prefix length of the packets that will take this route.

Metric: Enter the metric value for this rule here.

Interface: Select the interface that the IP packet must use to transit out of the router when this route is used.

Create New Route	•	×
Name:		
DestNetwork:		
PrefixLen:		
Metric:		
Interface:	NULL	
	Apply	

Dynamic DNS

Most Internet Service Providers (ISPs) assign dynamic (changing) IP addresses. Using a dynamic DNS service provider, people can enter your domain name in their web browser to connect to your server no matter what your IP address is.

In the Features menu on the bar on the top of the page, click **Dynamic DNS**.

Enable Enabling dynamic DNS will reveal further configuration options. **Dynamic DNS:**

Status: Displays the current dynamic DNS connection status.

- Server Address: Enter the address of your dynamic DNS server, or select one from the drop-down menu.
 - Host Name: Enter the host name that you registered with your dynamic DNS service provider.

User Name: Enter your dynamic DNS username.

Password: Enter your dynamic DNS password.

Time Out: Enter a timeout time (in hours).

Click **Save** when you are done.

At the bottom of the page are the IPv6 host settings. To configure an IPv6 dynamic DNS host, refer to page 114.

	Dynamic I			
Chttp://Betty.dlink.com	as [YourDomainName].com	rvice allows your router to asso n with the regularly changing IP pful when running a virtual serv	address assigned by your Inte	
Advanced >> Dynamic [ONS			Save
	Enable Dynamic DNS:	Enabled		
	Status:	Disconnected		_
	Server Address:	dyndns.com	dyndns.com	~
	Host Name:			
	User Name:			
	Password:			
	Time Out:	24	hours	
Status	Host Name	IPv6 Address	Edit	Delete
Status	Time Out: Host Name	24 IPv6 Address	hours Edit	Delet

IPv6 Host

The IPv6 host settings are found at the bottom of the Dynamic DNS page.

If you wish to remove a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, click on its pencil icon in the Edit column. If you wish to create a new rule, click the **Add Rules** button. Click **Save** when you are done. If you edit or create a rule, the following options will appear:

IPv6 Address: Enter the IPv6 address of the dynamic DNS server. Alternatively, select the server device in the drop-down menu.

Status	Host Name	IPv6 Address	Edit	Delete
Add Record	Remaining: 10			
	C	DPYRIGHT © 2013 D-Link		

Create New Record	l		\times
Host Name:			
IPv6 Address:		<< Computer Name	\sim
	Apply		

Host Name: Enter the host name that you registered with your dynamic DNS service provider.

Management Time & Schedule Time

The Time page allows you to configure, update, and maintain the correct time on the internal system clock. From here you can set the time zone, the Network Time Protocol (NTP) server, and enable or disable daylight saving time.

In the Management menu on the bar on the top of the page, click **Time & Schedule**.

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

Time: Displays the current date and time of the router.

Daylight Enable or disable daylight saving time. **Saving:**

Update Time Enable or disable to allow an NTP server on the Internet to synchronize
 Using an NTP the time and date with your router. If you enable this option, select
 Server: an NTP server from the drop-down menu. To configure the router's time and date manually, disable this option and use the drop-down menus that appear to input the time and date.

Click **Save** when you are done.

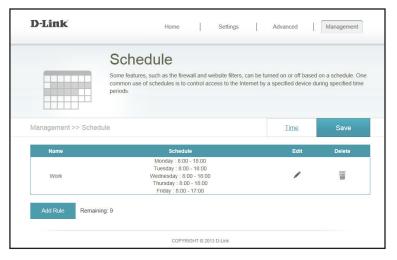
To configure and manage your schedules, click **Schedule** and refer to page 116.

D-Link	Home	Setting	5	Advanced	Management
Tir	ne				
	outer's internal clock is us onized with a public time				
Management >> System Time				Schedule	Save
Time Configuration					
	Time Zone: (GM	/T-05:00) Eastern Tii	me (US & C	anada)	\sim
	Time: 2000	/01/02 05:23:45 AM			
En	able Daylight Saving:	Disabled			
Automatic Time Configuration					
Update Time U	Jsing an NTP Server.	nabled			
	NTP Server. D-	Link NTP Server	۵	-Link NTP Server	\sim
		IGHT © 2013 D-Link			

Schedule

Some configuration rules can be set according to a pre-configured schedule. To create, edit, or delete schedules, from the Time page click **Schedule**. To return to the Time page, click **Time**.

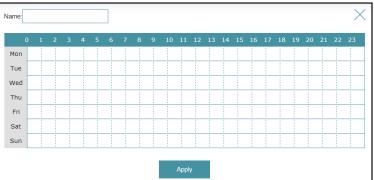
If you wish to remove a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, click on its pencil icon in the Edit column. If you wish to create a new rule, click the **Add Rules** button. Click **Save** when you are done. If you edit or create a rule, the following screen will appear:

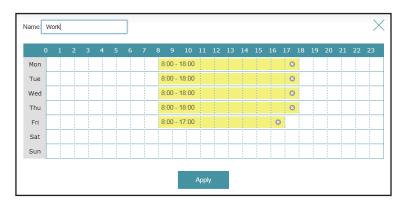


First, enter the name of your schedule in the Name field.

Each box represents one hour, with the time at the top of each column. To add a time period to the schedule, simply click on the start hour and drag to the end hour. You can add multiple days to the schedule, but only one period per day.

To remove a time period from the schedule, click on the cross icon.





System Log

The router keeps a running log of events. This log can be sent to a Syslog server, and sent to your email address. In the Management menu on the bar on the top of the page, click **System Log**.

Enable Logging Check this box to send the router logs to a SysLog Server. If this is to Syslog disabled, there will be no other options on this page. Server:

Syslog Server IP Enter the IP address for the Syslog server. If the Syslog server is Address: directly connected to the router, select it from the drop-down menu to automatically populate the field.

Enable Email If you want the logs to be automatically sent to an email address, **Notification:** enable this option.

Enter the settings for your email account. These are obtained from your email service provider.

- **On Log Full:** If email notification is enabled, this option will set the router to send the log by email when the log is fully.
- **On Schedule:** This option can be enabled to send an email according to a preconfigured schedule. See below.
 - Schedule: If you enable **On Schedule** is enabled, use the drop-down menu to select the time schedule that the rule will be enabled on. The schedule may be set to **Always Enable**, or you can create your own schedules in the **Schedules** section (refer to page 116).

Click **Save** when you are done.

D-Link	Hon	ne Settings	Advanced	Management
	System L	og		
3	are recorded in the system	continually in the background to log if it is enabled. This info car solve issues more quickly. <u>Click</u>	h be used to diagnose comm	
Management >> S	ystem Log			Save
SysLog Settings		_		
	Enable Logging to Syslog Server:	Enabled		
	SysLog Server IP Address:		<< Computer Name	\sim
E-mail Settings				
	Enable E-mail Notification:	Enabled		
	From E-mail Address:			
	To E-mail Address:			
	SMTP Server Address:			
	SMTP Server Port:	25		
	Enable Authentication:	Enabled		
	Account Name:			
	Password:			
E-mail Log When Fu	Il or On Schedule			
	Send When Log Full:	Disabled		
	Send on Schedule:	Disabled		
	c			

Admin

This page will allow you to change the administrator (Admin) password and enable remote management.

In the Management menu on the bar on the top of the page, click **Admin**.

Password: Enter a new password for the administrator account. You will need to enter this password whenever you configure the router using a web browser.

Enable Enables a challenge-response test to require users to type letters or
 Graphical numbers from a distorted image displayed on the screen to prevent
 Authentication online hackers and unauthorized users from gaining access to your
 (CAPTCHA): router's network settings.

- Enable HTTPS Check to enable HTTPS to connect to the router securely. This means Server: to connect to the router, you must enter https://dlinkrouter.local./ instead of http://dlinkrouter.local./
- **Enable Remote** Remote management allows the DIR-818LW to be configured from the **Management:** Internet by a web browser. A password is still required to access the web management interface.

Remote Admin The port number used to access the DIR-818LW is used in the URL.
 Port: Example: http://x.x.x.8080 where x.x.x.x is the Internet IP address of the DIR-818LW and 8080 is the port used for the web management interface.

Note: If you enabled **HTTPS Server** and wish to access the router remotely and securely, you must enter **https:**// at the beginning of the address.

Click **Save** when you are done.

To load, save, or reset settings, or reboot the router, click **System** and refer to page 119.

D-Link	Hom	e	Settings	I	Advanced		Management
A	dmin						
	admin account can cha ount a strong password			ep your r	outer secure, y	ou shoul	d give the admin
Management >> Admin					System		Save
Admin Password							
	Password:						
Enable Graphical Aut	nentication (CAPTCHA):	Disabled					
						Ad	vanced Settings.
Administration							
	Enable HTTPS Server:	Enabled					
Enabl	e Remote Management:	Disabled					
	Remote Admin Port:			U	se HTTPS:	Disable	ત
	C	DPYRIGHT © 201	13 D-Link				

System

This page allows you to save the router's current configuration, load a previously saved configuration, reset the router to its factory default settings, or reboot the router.

From the Admin page click **System**. To return to the Admin page, click **Admin**.

Save Settings This option will save the current router configuration settings to a file To Local Hard on your computer. Drive:

Load Settings	This option will load previously saved router configuration file. This will
From Local	overwrite the router's current configuration.
Hard Drive:	

Restore To This option will restore all configuration settings back to the settings that
 Factory Default were in effect at the time the router was shipped from the factory. Any Settings: settings that have not been saved will be lost, including any rules that you have created. If you want to save the current router configuration settings, use the Save Settings To Local Hard Drive button above.

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

Click **Save** when you are done.

D-Link	Home	Setting	s	Advanced	Managem	ent
Syster	n					
your router to fact	ory default se	outer's current setting ettings, or reboot the e ettings, including any	device. Plea	se note that rea	storing the settings t	
Management >> System					Admi	<u>n</u>
Save Settings To Local Ha	ard Drive:	Save				
Load Settings From Local Ha	ard Drive:	Select File				
Restore To Factory Default	Settings:	Restore				
Reboot Th	e Device:	Reboot				

Upgrade

This page will allow you to upgrade the router's firmware or language pack, either automatically or manually. To manually upgrade the firmware or language pack, you must first download the relevant file from **http://support.dlink.com**.

In the Management menu on the bar on the top of the page, click **Upgrade**.

Firmware The current firmware's version and date will be displayed. **Information:**

Check for New Click this button to prompt the router to automatically check for a new Firmware: firmware version. If a newer version is found, it will prompt you to install it.

Upgrade If you wish to upgrade manually, first download the firmware file you Firmware: wish to upgrade to. Next, click the **Upgrade Firmware** button and browse to the file to install the new firmware. You can also browse to a language pack file to install a new language pack.

D-Link	Home Settings Advanced Management
	Upgrade
FW	Your router can automatically detect firmware updates, but requires your authorization to install them. It is also possible to check for new firmware manually, upgrade firmware from a local file. <u>Click here for help.</u>
Management >> Upgra	ide
Firmware Information	
	rmware Version: 2.00 Firmware Date: 2014-04-05 03:57:00
	Check for New Firmware
Upgrade Manually	
	Upgrade Firmware: Select File
	COPYRIGHT @ 2013 D-Link

Statistics

On the Statistics page you can view the amount of packets that pass through the router on the WAN, LAN, and wireless segments.

In the Management menu on the bar on the top of the page, click **Statistics**.

You can view the **Internet**, **LAN**, **Wi-Fi 2.4GHz**, or **Wi-Fi 5GHz** by clicking on the respective tabs at the top. The graph will update in real time. To clear the information on the graph, click **Clear**.

The traffic counter will reset if the device is rebooted.

	Statistics			
			ransmitted and received	by your router through the
		etwork (LAN), and throug		
anagement >> Statistic	s			Clear
1350 KB/s	emet LAN	Wi-Fi 2.4GHz	Wi-Fi 5GHz	
1000 ((2))3				
1012 KB/s				
675 KB/s				
010112/0				
337 KB/s	/			
0 KB/s				
U KB/S				
	Total Packets	Total KByte(s)	KByte/sec	
Sent:	382001	79340	8	Session
Received:	1023840	487781	18	239

Connect a Wireless Client to your Router 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 press to connect to the DIR-818LW router. Please refer to your user manual for the wireless device you want to connect to make sure you understand how to enable WPS. Once you know, follow the steps below:

Step 1 - Press the WPS button on the DIR-818LW for about 1 second. The Internet LED on the front will start to blink.



- Step 2 Within 2 minutes, press the WPS button on your wireless client (or launch the software utility and start the WPS process).
- **Step 3** Allow up to 1 minute for your connection to be configured. Once the Internet light stops blinking, you will be connected and your wireless connection will be secure with WPA2.

Windows[®] 8 WPA/WPA2

It is recommended that you 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.

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



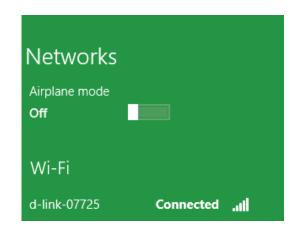


You will then be prompted to enter the network security key (Wi-Fi password) for the wireless network. Enter the password into the box and click **Next**.

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 during this step 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 to.

Networks d-link-07725 .ull Enter the network security key Vou can also connect by pushing the button on the router. Next Cancel



Windows[®] 7 WPA/WPA2

It is recommended that you 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).



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



Section 5 - Connecting to a Wireless Network

3. Highlight the wireless 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 following window appears while your computer tries to connect to the router.

Y Connect to a Network	x
Getting information from dlink	
	Cancel

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 the one on the wireless router.

Connect to a Network
Type the network security key
Security key:
Hide characters
You can also connect by pushing the button on the router.
OK Cancel

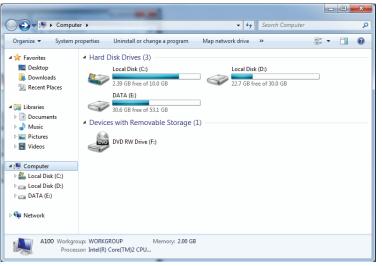
WPS

The WPS feature of the DIR-818LW can be configured using Windows[®] 7. Carry out the following steps to use Windows[®] 7 to configure the WPS feature:

1. Click the **Start** button and select **Computer** from the Start menu.



2. Click **Network** on the left side.



3. Double-click the DIR-818LW.



4. Input the WPS PIN number (on the router label) in the **Setup** > **Wireless Setup** menu in the Router's Web UI) and click **Next**.

Set Up a Network	x
To set up a network, type the 8-digit PIN from the router label You can find the numeric PIN on a label attached to the router or in the printed information that came from the manufacturer. PIN:	
Next Car	ncel

5. Type a name to identify the network.

6. To configure advanced settings, click the \bigcirc icon.

Click Next to continue.

\bigcirc	🔮 Set Up a Network	
	Give your network a name	
	Your network needs a unique name so that it can characters or less) and recognizable.	n be easily identified. It is best to keep the name short (25
	Type your network name:	😵 Security-enabled network
	D-Link_Net	Your network is being set up using WPA2-Personal.
	Change passphrase, security level and encryption Security key:	n type (advanced): 💽
	f6mm-gizb-9vmv	WPA2-Personal (Recommended)
	Connect automatically	Encryption type: AES (Recommended)
	Upgrade or replace the router using the netw	ork settings stored on this computer
		Next Cancel

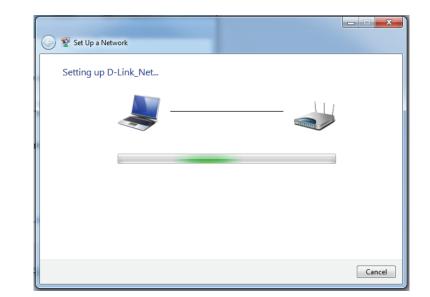
7. The following window appears while the Router is being configured.

Wait for the configuration to complete.

8. The following window informs you that WPS on the router has been set up successfully.

Make a note of the security key as you may need to provide this security key if adding an older wireless device to the network in the future.

9. Click **Close** to complete WPS setup.



() 😨 Se	t Up a Network
	nk_Net has been successfully set up
To ad	d an older wireless device to this network, you might need to provide this security key
	894g-eyd5-g5wb
For ga	an <u>print these network settings</u> for future reference. ming consoles or computers running Windows XP, <u>copy the network profile to a USB drive</u> for set up.
	Close

Windows Vista®

Windows Vista[®] users may use the built-in wireless utility. If you are using another company's wireless utility, please refer to the user manual of your wireless adapter for help connecting to a wireless network. Most wireless 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 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 you TCP/IP settings for your wireless adapter. Refer to the **Networking Basics** section in this manual for more information.





WPA/WPA2

It is recommended that you 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 Wi-Fi name (SSID) you would like to connect to and click **Connect**.





Section 5 - Connecting to a Wireless Network

3. Enter the same security key or passphrase (Wi-Fi password) that is on your router and click **Connect**.

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

Туре	the network security key or passphrase for Candy
The p	erson who setup the network can give you the key or passphrase.
Securi	ty key or passphrase:
Dis 📄	play characters
	If you have a <u>USB flash drive</u> with network settings for Candy, insert it now.

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.

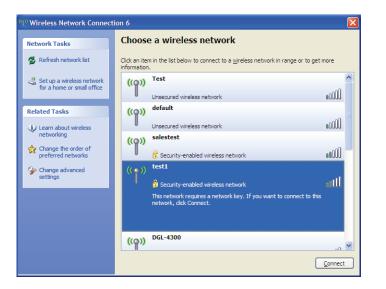
or

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 Wi-Fi network (displayed using the SSID) and click the **Connect** button.

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





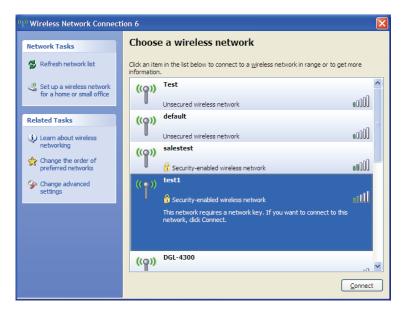
WPA/WPA2

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 Wi-Fi network (SSID) you would like to connect to and click **Connect**.





Section 5 - Connecting to a Wireless Network

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

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

Wireless Network Conne	ection				
The network 'test1' requires a network key (also called a WEP key or WPA key). A network key helps prevent unknown intruders from connecting to this network.					
Type the key, and then click	Connect.				
Network <u>k</u> ey:					
Confirm network key:					
	<u>C</u> onnect Cancel				

Troubleshooting

This chapter provides solutions to problems that can occur during the installation and operation of the DIR-818LW. Read the following descriptions if you are having problems. The examples below are illustrated in Windows[®] XP. If you have a different operating system, the screenshots on your computer will look similar to these examples.

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

When entering the IP address of the D-Link router (**192.168.0.1** for example), you are not connecting to a website, nor do you have to be connected to the Internet. The device has the utility built-in to a ROM chip in the device itself. Your computer must be on the same IP subnet to connect to the web-based utility.

- Make sure you have an updated Java-enabled web browser. We recommend the following:
 - Microsoft Internet Explorer[®] 7 or higher
 - Mozilla Firefox 3.5 or higher
 - Google[™] Chrome 8 or higher
 - Apple Safari 4 or higher
- Verify physical connectivity by checking for solid link lights on the device. If you do not get a solid link light, try using a different cable, or connect to a different port on the device if possible. If the computer is turned off, the link light may not be on.
- Disable any Internet security software running on the computer. Software firewalls such as Zone Alarm, Black Ice, Sygate, Norton Personal Firewall, and Windows[®] XP firewall may block access to the configuration pages. Check the help files included with your firewall software for more information on disabling or configuring it.

- Configure your Internet settings:
 - Go to Start > Settings > Control Panel. Double-click the Internet Options Icon. From the Security tab, click the button to restore the settings to their defaults.
 - Click the **Connection** tab and set the dial-up option to Never Dial a Connection. Click the LAN Settings button.
 Make sure nothing is checked. Click **OK**.
 - Go to the **Advanced** tab and click the button to restore these settings to their defaults. Click **OK** three times.
 - Close your web browser (if open) and open it.
- Access the web management. Open your web browser and enter the IP address of your D-Link router in the address bar. This should open the login page for your web management.
- If you still cannot access the configuration, unplug the power to the router for 10 seconds and plug back in. Wait about 30 seconds and try accessing the configuration. If you have multiple computers, try connecting using a different computer.

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

If you forgot your password, you must reset your router. This process will change all your settings back to the factory defaults.

To reset the router, locate the reset button (hole) on the rear panel of the unit. With the router powered on, use a paperclip to hold the button down for 10 seconds. Release the button and the router will go through its reboot process. Wait about 30 seconds to access the router. The default IP address is **192.168.0.1**. When logging in, leave the password box empty.

3. Why can't I connect to certain sites or send and receive emails when connecting through my router?

If you are having a problem sending or receiving email, or connecting to secure sites such as eBay, banking sites, and Hotmail, we suggest lowering the MTU in increments of ten (Ex. 1492, 1482, 1472, etc).

To find the proper MTU Size, you'll have to do a special ping of the destination you're trying to go to. A destination could be another computer, or a URL.

- Click on **Start** and then click **Run**.
- Windows[®] 95, 98, and Me users type in **command** (Windows[®] NT, 2000, XP, Vista[®], and 7 users type in **cmd**) and press **Enter** (or click **OK**).
- Once the window opens, you'll need to do a special ping. Use the following syntax:

ping [u	ʻ l] [- f]	[-] [MTU	value]
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Example: ping yahoo.com -f -l 1472

```
C:\>ping yahoo.com -f -l 1482
Pinging yahoo.com [66.94.234.13] with 1482 bytes of data:
Packet needs to be fragmented but DF set.
Ping statistics for 66.94.234.13:
     Packets: Sent = 4, Received = 0, Lost = 4 (100% loss)
Approximate round trip times in milli-seconds:
     Minimum = Oms, Maximum = Oms, Average = Oms
C:\>ping yahoo.com -f -l 1472
Pinging yahoo.com [66.94.234.13] with 1472 bytes of data:
Reply from 66.94.234.13: bytes=1472 time=93ms TTL=52
Reply from 66.94.234.13: bytes=1472 time=109ms TTL=52
Reply from 66.94.234.13: bytes=1472 time=125ms TTL=52
Reply from 66.94.234.13: bytes=1472 time=203ms TTL=52
Ping statistics for 66.94.234.13:
     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
                                                              132ms
     Minimum = 93ms, Maximum = 203ms, Average
C:∖>
```

You should start at 1472 and work your way down by 10 each time. Once you get a reply, go up by 2 until you get a fragmented packet. Take that value and add 28 to the value to account for the various TCP/IP headers. For example, lets say that 1452 was the proper value, the actual MTU size would be 1480, which is the optimum for the network we're working with (1452+28=1480).

Once you find your MTU, you can now configure your router with the proper MTU size.

To change the MTU rate on your router follow the steps below:

- Open your browser, enter the IP address of your router (192.168.0.1) and click **OK**.
- Enter your username (admin) and password (blank by default). Click **OK** to enter the web configuration page for the device.
- Click on **Setup** and then click **Manual Configure**.
- To change the MTU, enter the number in the MTU field and click **Save Settings** to save your settings.
- Test your email. If changing the MTU does not resolve the problem, continue changing the MTU in increments of ten.

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 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 similarly to how cordless phones work, through radio signals that 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 networksl: 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, university 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. This 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 as 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 Uses/Benefits

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

Small Office and Home Office Uses/Benefits

- 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 the 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 the 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 DIR-818LW 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

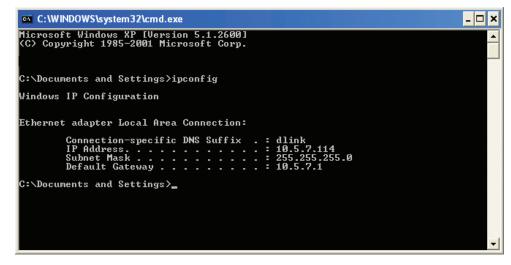
After you install your new D-Link adapter, by default, the TCP/IP settings should be set to obtain an IP address from a DHCP server (i.e. wireless router) automatically. To verify your IP address, please follow the steps below.

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.



Statically Assign an 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, make your IP address 192.168.0.X where X is a number between 2 and 99. 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).

Set Primary DNS the same as the LAN IP address of your router (192.168.0.1). 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.

ieneral				
	d automatically if your network supports eed to ask your network administrator fo			
Obtain an IP address autor	matically			
Subsethe following IP addre	\$5:			
IP address:	192.168.0.52			
Subnet mask: Default gateway:	255 . 255 . 255 . 0 192 . 168 . 0 . 1			
				 Obtain DNS server addres
💿 Use the following DNS ser	ver addresses:			
Preferred DNS server:	192.168.0.1			
Alternate DNS server:	1 1 1			
	Advanced			

Wireless Security

This section will show you the different levels of security you can use to protect your data from intruders. The DIR-818LW offers the following types of security:

- WPA2 (Wi-Fi Protected Access 2)
- WPA (Wi-Fi Protected Access)

- WPA2-PSK (Pre-Shared Key)
- WPA-PSK (Pre-Shared Key)

What is WPA?

WPA (Wi-Fi Protected Access), is a Wi-Fi standard that was designed to improve the security features of WEP (Wired Equivalent Privacy).

The 2 major improvements over WEP:

- Improved data encryption through the Temporal Key Integrity Protocol (TKIP). TKIP scrambles the keys using a hashing algorithm and by adding an integrity-checking feature, ensures that the keys haven't been tampered with. WPA2 is based on 802.11i and uses Advanced Encryption Standard (AES) instead of TKIP.
- User authentication, which is generally missing in WEP, through the extensible authentication protocol (EAP). WEP regulates access to a wireless network based on a computer's hardware-specific MAC address, which is relatively simple to be sniffed out and stolen. EAP is built on a more secure public-key encryption system to ensure that only authorized network users can access the network.

WPA-PSK/WPA2-PSK uses a passphrase or key to authenticate your wireless connection. The key is an alpha-numeric password between 8 and 63 characters long. The password can include symbols (!?*&_) and spaces. This key must be the exact same key entered on your wireless router or access point.

WPA/WPA2 incorporates user authentication through the Extensible Authentication Protocol (EAP). EAP is built on a more secure public key encryption system to ensure that only authorized network users can access the network.

Technical Specifications

Device Interfaces

- 802.11 a/b/g/n/ac wireless LAN
- Four 10/100/1000 Gigabit LAN ports
- 10/100/1000 Gigabit WAN port
- USB 2.0 port

Antenna Types

Internal antenna

Standards

- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.11a
- IEEE 802.3
- IEEE 802.3u

Security

- WPA[™] Personal/Enterprise
- WPA2[™] Personal/Enterprise
- Wi-Fi Protected Setup (WPS) PIN/PBC

Power

- Input: 12 V, 1.5 A
- Maximum Operating Voltage: 12 V
- Maximum Power Consumption: 18 W

Operating Temperature

• 0 to 40°C (32 to 104°F)

Humidity

• 95% maximum (non-condensing)

Certifications

- FCC Class B
- CE Class B
- IPv6 Ready
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Compatible with Windows 8

Dimensions

- L = 116 mm (4.57 inches)
- W = 93 mm (3.66 inches)
- H = 145 mm (5.71 inches)

Weight

• 330 grams (11.64 ounces)

Warranty

• 2 years

1 Maximum wireless signal rate derived from IEEE Standard 802.11a, 802.11g, 802.11n, and 802.11ac specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

2 Frequency Range varies depending on country's regulation.

3 The DIR-818LW does not include 5.25-5.35GHz & 5.47-5.725GHz in some regions.