

## Product Highlights

### Connect all of your devices to the Internet

Access the Internet with all your devices, whether you're sharing a premium wireless hotspot or your 3G USB adapter's mobile Internet connection

### Share your files easily

Stream photos, music, videos, and documents stored on a USB drive directly to multiple mobile devices through the mydlink™ SharePort app

### Charge your mobile devices on the go

No matter where you are, keep your devices ready to go with the charging function on the USB port



## DIR-518L

# Wireless AC600 Dual Band Wall-Plug Cloud Router

## Features

### Connect Your Devices

- Automatically detects the appropriate connection mode to use
  - **Broadband Router Mode:** Connect an Ethernet cable to share your wired connection
  - **Mobile Router Mode:** Connect a 3G USB adapter to share your mobile connection<sup>1</sup>
  - **Hotspot Mode:** Share Internet access from a Wi-Fi hotspot with all of your devices
- Shares your Internet connection through Wireless AC with speeds up to 600 Mbps<sup>2</sup>
- Saves your connection settings for automatic connection later

### Share Your Files

- Plug in a USB drive for easy file access
- Stream your files over the Internet to your mobile device with the mydlink SharePort app
- Stream media to UPnP-capable devices

### Charge Your Devices

- Charge your mobile devices including power-hungry devices like iPads via its USB port

Connect and charge with the D-Link DIR-518L Wireless AC600 Dual Band Wall-Plug Cloud Router. Stay connected wherever you are and share an Internet connection from your home or hotel room, a 3G mobile USB adapter, or even another wireless network. Along with the latest Wireless AC technology, the DIR-518L also remembers your connection details for you so you can simply connect devices to the DIR-518L's wireless network and it will take care of the rest.

## Wireless AC for Faster Performance

The DIR-518L incorporates the latest Wireless AC600 technology for increased range and data transfer speeds to and from compatible Wi-Fi devices. By using dual bands to bypass radio congestion and interference, the router can deliver a total of 600 Mbps using the combined bandwidth of its 2.4 GHz and 5 GHz bands. Moreover, each band can operate as a separate Wi-Fi network, giving you the ability to customize your network according to your connectivity needs. You can even configure a guest zone to give visitors Internet access without giving them access to the rest of your network. Combined with support for Universal Plug and Play (uPnP), you can stream your multimedia collection smoothly and securely across all your devices and appliances, including smart TVs, game consoles, and media PCs.

## mydlink SharePort – Share On the Go

Sharing audio, videos, and photos is a breeze with the DIR-518L. Using the mydlink SharePort app for mobile devices, you can upload, download, and stream multimedia and documents to and from a USB drive attached to your DIR-518L, from anywhere in the world! Simply download the app, register for a free mydlink account, connect to your DIR-518L, and you can start sharing your media files with your friends and family as long as you have access to the Internet.

### Your Power Station

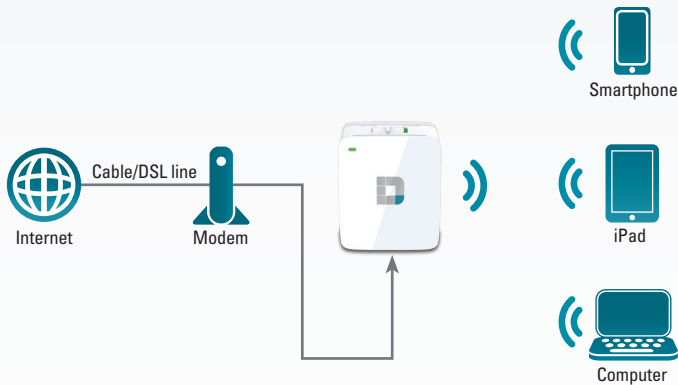
The DIR-518L's powered USB port not only connects to a 3G dongle for mobile broadband, it also keeps your gadgets charged and ready to go. The device provides a USB port so you can charge a device by connecting its USB cable. Simply connect your smartphone or high-power devices like iPads to the USB port to start charging.

### Easy to Set Up, Easy to Use

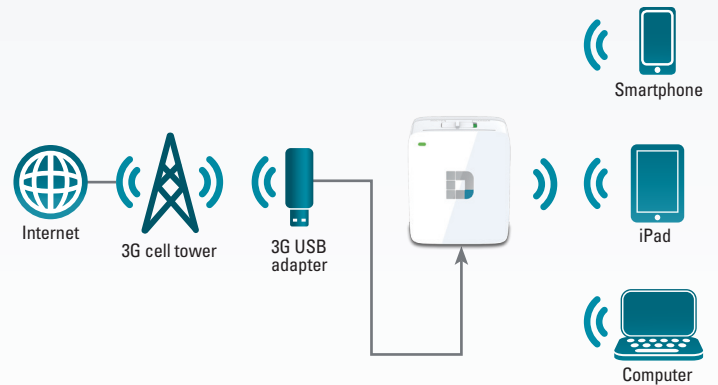
The DIR-518L includes a user-friendly interface that stores your connection details for you so you only have to enter them once. Whether you're connected via your 3G adapter for mobile Internet or to the Wi-Fi hotspot of your favorite café, the DIR-518L helps you keep all of your devices connected, automatically!

## Four Ways to Share:

### Share Your Broadband Connection



### Share Your Mobile Data Connection



### Share a Wi-Fi Hotspot



### Share Your Files Locally



# Wireless AC600 Dual Band Wall-Plug Cloud Router

## Technical Specifications

### General

Device Interfaces	<ul style="list-style-type: none"> <li>• 802.11 a/b/g/n/ac Wireless LAN, up to 600 Mbps<sup>2</sup></li> <li>• WPS button</li> <li>• Power switch</li> <li>• Reset button</li> </ul>	<ul style="list-style-type: none"> <li>• WAN 10/100 Ethernet port</li> <li>• USB 2.0 Type A port (1 A) for compatible 3G adapters, USB drive, or charging other devices</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power/Status</li> </ul>	
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac (draft)</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11g</li> <li>• IEEE 802.11b</li> <li>• IEEE 802.11a</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.3</li> <li>• IEEE 802.3x</li> <li>• IEEE 802.3u</li> <li>• USB 2.0</li> </ul>
Internet Modes	<ul style="list-style-type: none"> <li>• Broadband Router Mode</li> <li>• Mobile Router Mode</li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi Hotspot Mode</li> </ul>
Power Modes	<ul style="list-style-type: none"> <li>• Router/Charger<sup>4</sup></li> </ul>	
Antennas	<ul style="list-style-type: none"> <li>• Internal antennas</li> </ul>	

### Functionality

Sharing Features	<ul style="list-style-type: none"> <li>• mydlink SharePort app <ul style="list-style-type: none"> <li>• Remote Access Mode: Access files through the Internet<sup>3</sup></li> <li>• Local Access Mode: Access files from any device connected to the DIR-518L</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• App supports iPhone<sup>®</sup>, iPad<sup>®</sup>, iPod touch<sup>®</sup>, and Android<sup>™</sup> devices</li> <li>• SharePort Web Access support (Web browser) <ul style="list-style-type: none"> <li>• Access files from any device connected to the DIR-518L</li> </ul> </li> </ul>
Security	<ul style="list-style-type: none"> <li>• Wi-Fi Protected Access (WPA/WPA2)</li> <li>• WEP 64/128-bit encryption</li> </ul>	<ul style="list-style-type: none"> <li>• WPS 2.0 (PBC)</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• Guest Zone support</li> <li>• IPv6</li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi WMM Quality of Service (QoS)</li> <li>• UPnP support</li> </ul>
Advanced Firewall Features	<ul style="list-style-type: none"> <li>• Network Address Translation (NAT)</li> </ul>	<ul style="list-style-type: none"> <li>• MAC address filtering</li> </ul>
Device Management	<ul style="list-style-type: none"> <li>• User-friendly web UI with desktop and mobile interfaces</li> </ul>	

### Physical

Dimensions (L x W x H)	<ul style="list-style-type: none"> <li>• 61.0 x 71.0 x 40.0 mm (2.4 x 2.79 x 1.57 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 130 g (4.58 ounces)</li> </ul>	
Power <sup>5</sup>	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50-60 Hz</li> </ul>	<ul style="list-style-type: none"> <li>• USB Type A Port Output: 5 V DC <ul style="list-style-type: none"> <li>• 500 mA (Router mode)</li> <li>• 1000 mA (Charger mode)</li> </ul> </li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -10 to 45 °C (14 to 113 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 75% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 75% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• FCC</li> <li>• CE</li> <li>• IC</li> </ul>	<ul style="list-style-type: none"> <li>• C-Tick</li> <li>• cUL</li> </ul>

## Wireless AC600 Dual Band Wall-Plug Cloud Router

Order Information	
Part Number	Description
DIR-518L	Wireless AC600 Dual Band Wall-Plug Cloud Router

<sup>1</sup> For a list of compatible 3G USB adapters, check your local D-Link website.

<sup>2</sup> Maximum wireless signal rate derived from IEEE standard specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

<sup>3</sup> For an optimal streaming experience, 2 MB of upload bandwidth is recommended.

<sup>4</sup> The DIR-518L only supports charging on the USB port (1 A) in Charger mode.

<sup>5</sup> Additional power plug adapters may be included depending on your region (EU/AU/UK).

Updated 01/07/14