



## Product Highlights

### The Latest Wireless AC Technology

Enjoy combined wireless speeds of up to 750Mbps (300Mbps 2.4Ghz / 433Mbps 5Ghz) and increased range thanks to the latest 802.11ac wireless technology

### High-Performance Dual-band Wireless

Connect to your network via two concurrent wireless bands for seamless performance no matter what you are doing

### Your Files, Anywhere with mydlink SharePort

Access your photos, videos, music, and documents no matter where you are with the mydlink SharePort app for your mobile device



## DIR-816L

# Wireless AC750 Dual Band Cloud Router

## Features

### High-Speed Connectivity

- Uses the latest Wireless AC technology to deliver next-generation wireless technology with increased range and reliability<sup>1</sup>
- Concurrent dualband wireless for combined connections of up to 750Mbps (300Mbps 2.4Ghz / 433Mbps 5Ghz)
- 10/100 Fast Ethernet WAN port for speedy Internet access
- Four 10/100 Fast Ethernet LAN ports give you high-speed wired connectivity

### mydlink SharePort™

- Use the mydlink SharePort mobile app to access files stored on a connected USB drive over the Internet
- Stream music and video to your mobile device
- Upload photos and videos from your camera roll

### Mobile Apps

- mydlink Lite helps you access, manage, and view your network remotely across the Internet
- QRS Mobile sets up your network using a mobile device without the need for a computer

The DIR-816L Wireless AC750 Dual Band Cloud Router is a cost effective yet versatile wireless networking solution which combines the latest 802.11ac Wi-Fi specification with dualband technology and fast Ethernet ports to deliver a seamless networking experience. The increased range and reliability of wireless AC technology coupled with dualband technology provides maximum connectivity and coverage for your home while the advanced security features keep your network secure.

## Dual Band Wireless AC for Seamless Performance

The DIR-816L Wireless AC750 Dual Band Cloud Router gives you Wi-Fi speeds of up to 750Mbps (300Mbps 2.4Ghz / 433Mbps 5Ghz) as well as increased range. It also features dualband wireless, allowing you to operate two concurrent Wi-Fi bands for maximum wireless availability. Surf the web, chat with friends and make internet phone calls on the 2.4 GHz band, while simultaneously streaming digital media on the 5 GHz band. Each band can operate as a separate Wi-Fi network, giving you the ability to customize your network according to your connectivity needs. For added convenience, Guest Zone control allows visitors to use your Internet connection while restricting them from the rest of your personal network.

## mydlink SharePort™ - Your Own Personal Cloud Storage

DIR-816L featuring mydlink Shareport enables you to instantly create a personal, private storage space. Accessing your documents, movies, pictures and music no matter where you are has never been easier. Simply connect a USB storage drive to the DIR-816L and access the mydlink SharePort app. Save space on your mobile device by streaming your favorite shows and music, or download specific episodes or songs to your device for offline playback.

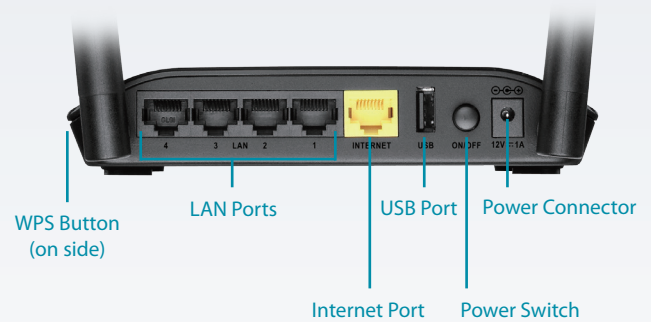
## Use mydlink Lite to Monitor Your Network Anytime

The Wireless AC750 Dual Band Cloud Router is mydlink Cloud-enabled so you can effortlessly access and view your network no matter where you are. Parents can monitor what sites their children are visiting and can stay informed on the go. See who is connected to your router, change settings or block someone from using your network connection all from any Internet connected PC, iOS or Android mobile device.

## Easy to Set Up, Easy to Secure

Sharing your Internet connection doesn't have to be a complicated process; just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Implement WPA/WPA2 wireless security in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes a secure connection to new devices without the need to enter settings or create passwords. In addition, the built-in firewall protects against malicious attacks from the Internet, and access control features allow you to restrict access to your network.

## Back View



## Technical Specifications

### General

Device Interfaces	<ul style="list-style-type: none"> <li>• 10/100 fast Ethernet WAN port</li> <li>• Four 10/100 fast Ethernet LAN ports</li> <li>• USB 2.0</li> </ul>	<ul style="list-style-type: none"> <li>• Reset Button</li> <li>• WPS</li> </ul>
Antennas	<ul style="list-style-type: none"> <li>• Two external antennas</li> </ul>	
Operating Frequency	<ul style="list-style-type: none"> <li>• 2.4 GHz band: 2400 - 2483.5 MHz</li> </ul>	<ul style="list-style-type: none"> <li>• 5 GHz band: 5150 - 5725 MHz</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power</li> <li>• Internet</li> <li>• WLAN</li> </ul>	<ul style="list-style-type: none"> <li>• LAN (for each port)</li> <li>• WPS</li> </ul>
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11g</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.11b</li> <li>• IEEE 802.11a</li> <li>• IEEE 802.3u</li> </ul>
Minimum Requirements	<ul style="list-style-type: none"> <li>• Windows 8/7/Vista or Mac OS X 10.4 or higher</li> <li>• Internet Explorer 7, Firefox 12.0, Chrome 20.0, Safari 4.0,</li> <li>• or other Java-enabled browser</li> </ul>	<ul style="list-style-type: none"> <li>• Ethernet interface or Wi-Fi</li> <li>• Cable or DSL Modem</li> <li>• Subscription with an Internet Service Provider</li> </ul>

### Functionality

Security	<ul style="list-style-type: none"> <li>• WPA &amp; WPA2 (Wi-Fi Protected Access)</li> </ul>	<ul style="list-style-type: none"> <li>• WPS (Wi-Fi Protected Setup)</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• Web setup wizard</li> <li>• QoS (Quality of Service)</li> <li>• DMZ (Demilitarized Zone)</li> </ul>	<ul style="list-style-type: none"> <li>• Guest zone</li> <li>• IPv6 ready</li> <li>• VPN Pass through</li> </ul>
mydlink SharePort Features	<ul style="list-style-type: none"> <li>• Remote Access Mode: Access files through the Internet</li> <li>• Local Access Mode: Access files from any device connected to the DIR-816L</li> </ul>	<ul style="list-style-type: none"> <li>• SharePort Web File Access support (web browser)</li> <li>• Access files from any device connected to the DIR-816L</li> <li>• Accepts USB storage drives up to 250 GB</li> </ul>
mydlink Lite Features	<ul style="list-style-type: none"> <li>• Remote Management</li> <li>• View current upload/download bandwidth</li> <li>• View currently connected clients</li> <li>• View web browsing history per client</li> </ul>	<ul style="list-style-type: none"> <li>• Block/unblock client network access</li> <li>• Manage wireless network details</li> <li>• Accessible through a web browser or iOS or Android mobile app</li> </ul>
Mobile App Support	<ul style="list-style-type: none"> <li>• mydlink Lite</li> <li>• mydlink SharePort</li> <li>• QRS Mobile</li> </ul>	<ul style="list-style-type: none"> <li>• Apps support iPhone®, iPad®, iPod Touch®, and Android™ devices</li> </ul>
Advanced Firewall Features	<ul style="list-style-type: none"> <li>• SPI (Stateful Packet Inspection)</li> </ul>	<ul style="list-style-type: none"> <li>• NAT (Network Address Translation)</li> </ul>

# DIR-816L Wireless AC750 Dual Band Cloud Router

Physical		
Dimensions	• Item: 6 x 4.4 x 0.9 inches	• Box: 10.8 x 8.2 x 2.65 inches
Weight	• Item: 0.45 lbs	• Box: 1.2 lbs
Power	• DC 12V/1A	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC • CE	• Wi-Fi Certified • IC
Order Information		
<i>Part Number</i>	<i>Description</i>	
DIR-816L	Wireless AC750 Dual Band Cloud Router	

<sup>1</sup> Maximum wireless signal rate derived from draft IEEE 802.11ac and IEEE 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard wireless product from D-Link. Maximum throughput based on D-Link 802.11ac devices.

## For more information

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