D-Link ®
Building Networks for People

Product Highlights

The Latest Wireless AC Technology

Enjoy combined wireless speeds of up to 750 Mbps 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 blazing fast wireless connectivity with increased range and reliability[1]
- Concurrent dual-band wireless for combined connections of up to 750 Mbps
- 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 an affordable yet powerful wireless networking solution which combines the latest high-speed 802.11ac Wi-Fi specification with dual-band technology and fast Ethernet ports to deliver a seamless networking experience. The increased range and reliability of wireless AC technology reaches farther into your home, and advanced security features keep your network and data safe from intruders.

Dual Band Wireless AC for Seamless Performance

The DIR-816L Wireless AC750 Dual Band Cloud Router gives you lightning-fast Wi-Fi speeds of up to 750 Mbps and increased range. It also uses dual-band wireless, allowing you to operate two concurrent, high-speed Wi-Fi bands for ultimate wireless performance. Surf the web, chat, and play online games on the 2.4 GHz band, while simultaneously streaming digital media on the 5 GHz band. What's more, 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.

mydlink SharePort™ - Your Own Personal Cloud Storage

Connect a USB storage drive to the DIR-816L to instantly create a personal, private storage space to access your documents, movies, pictures, and music no matter where you are through 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.
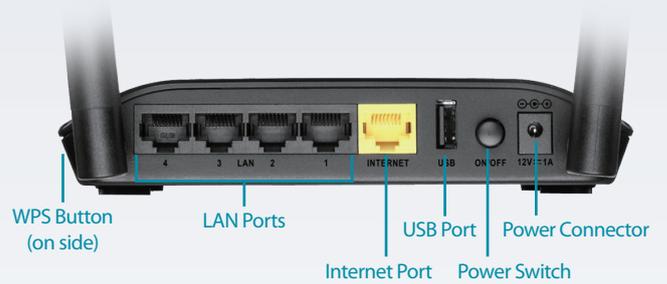
Use mydlink Lite to Monitor Your Network Anytime

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. See who is connected to your router, change settings, or block someone from using your network connection, all from any Internet connected PC, or an iOS or Android mobile device. Parents can monitor what sites their children are visiting, and can stay informed and in control on the go.

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

WPS Button (on side)　　LAN Ports　　USB Port　　Power Connector

Internet Port　　Power Switch

Technical Specifications

General

Device Interfaces	• IEEE 802.11ac wireless LAN[1] • IEEE 802.11 a/b/g/n wireless LAN	• 10/100 fast Ethernet WAN port • Four 10/100 fast Ethernet LAN ports
LEDs	• Power • Internet • WLAN	• LAN (for each port) • WPS
Antenna Type	• Two external antennas	
Operating Frequency	• 2.4 GHz band: 2400 - 2483.5 MHz	• 5 GHz band: 5150 - 5725 MHz
Standards	• IEEE 802.11ac (draft) • IEEE 802.11n • IEEE 802.11g	• IEEE 802.11b • IEEE 802.11a • IEEE 802.3u
Minimum Requirements	• Windows 8/7/Vista/XP SP3, or Mac OS X 10.4 or higher • Internet Explorer 7, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser	• Ethernet interface or Wi-Fi • Cable or DSL Modem • Subscription with an Internet Service Provider

Functionality

Security	• WPA & WPA2 (Wi-Fi Protected Access)	• WPS (Wi-Fi Protected Setup)
Advanced Features	• Web setup wizard • QoS (Quality of Service) • DMZ (Demilitarized Zone)	• Firewall - Network Address Translation (NAT) • Guest zone • IPv6 ready
mydlink SharePort Features	• Remote Access Mode: Access files through the Internet • Local Access Mode: Access files from any device connected to the DIR-816L	• SharePort Web File Access support (web browser) 　• Access files from any device connected to the DIR-816L • Accepts USB storage drives up to 250 GB
mydlink Lite Features	• Remote Management • View current upload/download bandwidth • View currently connected clients • View web browsing history per client	• Block/unblock client network access • Manage wireless network details • Accessible through a web browser or iOS or Android mobile app
Mobile App Support	• mydlink Lite • mydlink SharePort • QRS Mobile	• Apps support iPhone®, iPad®, iPod Touch®, and Android™ devices

Physical		
Dimensions	• 151.6 x 112 x 30.5 mm (5.97 x 4.41 x 1.2 inches)	
Weight	• 204 grams (7.2 ounces)	
Power	• Input: 100 to 240 V AC, 50/60 Hz	
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	• IC • CE • CSA	• FCC • C-Tick

Order Information	
Part Number	*Description*
DIR-816L	Wireless AC750 Dual Band Cloud Router

[1] 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.

Updated 08/28/2013

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