

Product Highlights

The Latest in Wireless Technology

Enjoy lightning-fast wireless connectivity and enhanced coverage with 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 reliability¹
- 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 gives 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 smartphone or tablet
- Upload photos and videos from your smartphone or tablet

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 technology with dual-band technology and fast Ethernet ports to deliver a seamless networking experience. The increased range and reliability of wireless AC technology reaches further 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 combined 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 band². What's more, each band can operate as a separate Wi-Fi network, giving you the ability to customise 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 Personal Cloud Storage

Connect a USB storage drive to the DIR-816L to instantly create a private and personal 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.

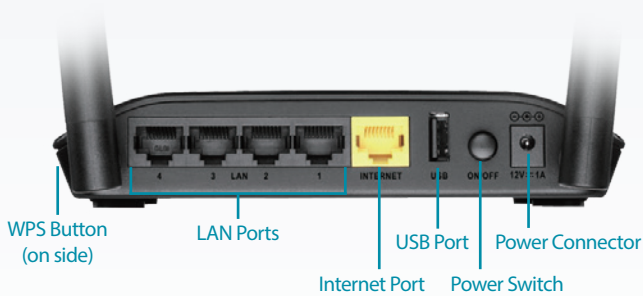
Use mydlink™ Lite to Monitor Your Network Anytime

The Wireless AC750 Dual-Band Cloud Router is mydlink™-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. Get the DIR-816L up and running in no time right from your sofa using the QRS (Quick Router Setup) Mobile app on your iOS or Android device. Simply plug in the router, open the app, and follow a few easy steps to get your home network connected without having to touch a computer. Alternatively, just open a web browser on a connected computer 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



mydlink™ Lite App



With the mydlink™ Lite app for iPhone, iPad and Android devices you can quickly and easily stay in control of your network anywhere with a Wi-Fi or mobile Internet connection.

SharePort™ Mobile App



The mydlink™ SharePort™ app for iPhone, iPad, or Android devices offers effortless access to stored personal files and multimedia from anywhere in the world through the Internet. Music, video, and photos can be streamed or transferred from a USB drive that is connected to a Cloud Router, to multiple mobile devices from this intuitive app. It's also a great way to enjoy media without using valuable memory on your mobile device!

Technical Specifications

General

| | | |
|----------------------|---|---|
| Device Interfaces | <ul style="list-style-type: none"> • IEEE 802.11ac wireless LAN¹ • IEEE 802.11 a/b/g/n wireless LAN | <ul style="list-style-type: none"> • 10/100 fast Ethernet WAN port • Four 10/100 fast Ethernet LAN ports |
| LEDs | <ul style="list-style-type: none"> • Power • Internet • WLAN | <ul style="list-style-type: none"> • LAN (for each port) • WPS |
| Antenna Type | <ul style="list-style-type: none"> • Two external antennas | |
| Operating Frequency | <ul style="list-style-type: none"> • 2.4 GHz band: 2400 - 2483.5 MHz | <ul style="list-style-type: none"> • 5 GHz band: 5150 - 5725 MHz |
| Standards | <ul style="list-style-type: none"> • IEEE 802.11ac (draft) • IEEE 802.11n • IEEE 802.11g | <ul style="list-style-type: none"> • IEEE 802.11b • IEEE 802.11a • IEEE 802.3u |
| Minimum Requirements | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Ethernet interface or Wi-Fi • Cable or DSL Modem • Subscription with an Internet Service Provider |

DIR-816L Wireless AC750 Dual-Band Cloud Router

| Functionality | | |
|------------------------------|---|--|
| Security | <ul style="list-style-type: none"> WPA & WPA2 (Wi-Fi Protected Access) | <ul style="list-style-type: none"> WPS (Wi-Fi Protected Setup) |
| Advanced Features | <ul style="list-style-type: none"> Web setup wizard QoS (Quality of Service) DMZ (Demilitarised Zone) | <ul style="list-style-type: none"> Firewall - Network Address Translation (NAT) Guest zone IPv6 ready |
| mydlink™ SharePort™ Features | <ul style="list-style-type: none"> Remote Access Mode: Access files through the Internet Local Access Mode: Access files from any device connected to the DIR-816L | <ul style="list-style-type: none"> SharePort Web File Access support (web browser) <ul style="list-style-type: none"> Access files from any device connected to the DIR-816L Accepts USB storage drives up to 250 GB |
| mydlink™ Lite App Features | <ul style="list-style-type: none"> Remote Management View current upload/download bandwidth View currently connected clients View web browsing history per client | <ul style="list-style-type: none"> Block/unblock client network access Manage wireless network details Accessible through a web browser or iOS or Android mobile app |
| Mobile App Support | <ul style="list-style-type: none"> mydlink™ Lite mydlink™ SharePort™ QRS Mobile | <ul style="list-style-type: none"> Apps support iPhone, iPad, iPod Touch, and Android devices |
| Physical | | |
| Dimensions | <ul style="list-style-type: none"> 151.6 x 112 x 30.5 mm (5.97 x 4.41 x 1.2 inches) | |
| Weight | <ul style="list-style-type: none"> 204 grams (7.2 ounces) | |
| Power | <ul style="list-style-type: none"> Input: 100 to 240 V AC, 50/60 Hz | |
| Temperature | <ul style="list-style-type: none"> Operating: 0 to 40 °C (32 to 104 °F) | <ul style="list-style-type: none"> Storage: -20 to 65 °C (-4 to 149 °F) |
| Humidity | <ul style="list-style-type: none"> Operating: 10% to 90% non-condensing | <ul style="list-style-type: none"> Storage: 5% to 95% non-condensing |
| Certifications | <ul style="list-style-type: none"> IC CE CSA | <ul style="list-style-type: none"> FCC C-Tick |

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.

² A single device can only be connected to either the 2.4 GHz or 5 GHz wireless band.



For more information: www.dlink.com

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