D-Link®
Building Networks for People

mydlink **cloud** services

DIR-862L
Wireless AC1600 Dual Band Gigabit Cloud Router

Features

Connectivity

- 802.11 a/b/g/n/ac wireless LAN for a complete range of wireless compatibility
- Gigabit WAN and LAN ports for high-speed wired connections
- USB 2.0 port to connect storage drives and printers for sharing
- Multiple internal antennas with Wireless AC technology to optimize your wireless coverage

mydlink Cloud

- Remotely view and manage your network over the Internet
- Access your network through a mobile app

Mobile Apps

- mydlink Lite app helps you access, manage and view your network remotely
- mydlink SharePort Mobile app lets you stream and share media files locally, or remotely on the cloud network
- QRS Mobile app sets up your network using a mobile device without the need for a computer

Security

- WPA & WPA2 wireless encryption protects the network from intruders
- Wi-Fi Protected Setup (WPS) securely adds devices to your network at the push of a button

The DIR-862L Wireless AC1600 Dual Band Gigabit Cloud Router lets you easily connect, control, and monitor a network using the future of wireless technology, today. It's mydlink Cloud enabled and supports the mydlink SharePort Mobile app to stream and share your media files.

Fast and Reliable Home Networking

The D-Link DIR-862L Wireless AC1600 Dual Band Gigabit Cloud Router creates a blazing fast home network that connects all of your computers and mobile devices to your broadband Internet-connection. Concurrent dual-band 802.11ac brings you the future of high-bandwidth wireless connectivity, allowing you to stream HD video, make Internet calls, and surf the Internet from every corner of your home without interruption. Gigabit Ethernet ports provide high-speed wired connections for up to four PCs or other devices. It's stylish, easy-to-use, and comes IPv6-ready for a reliable network today and tomorrow.

Use mydlink to Monitor Your Network

The Wireless AC1600 Dual Band Gigabit 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 while staying informed and in control on the go.

File Sharing Right at Your Fingertips

The mydlink SharePort app for both iOS and Android allows you to watch, share and take your content with you anywhere, anytime and on any device. Connect a USB storage device to the DIR-862L and instantly share documents, movies, photos, and music with mobile devices locally or remotely in the cloud. Put your music library on a USB drive and share it with your entire home or show photos on the living room TV while a family member watches a movie on their mobile device. Cloud features let you stream media files to multiple devices without interruption, or save them to your device for offline playback from anywhere.

Smooth Streaming with Wireless AC

The DIR-862L uses the latest Wireless AC technology, which can provide transfer rates of up to 1.6 Gbps[1] (1300AC + 300N). The router operates on both the 2.4 GHz and 5 GHz wireless bands at the same time using concurrent dual-band technology. This allows you to browse the web, chat, and email using the 2.4 GHz band, while simultaneously streaming digital media, playing online games, or making Internet phone calls on the 5 GHz band.

Designed for Optimal Wireless Coverage

The antennas inside the DIR-862L have been carefully placed to ensure that you will get little to no dead space in any environment. Furthermore, the Wireless AC1600 Dual Band Gigabit Cloud Router's multiple internal antennas improve wireless reception by automatically adjusting antenna positions to where they are most needed to achieve the best possible performance.

Easy to Set Up and Use

Get the DIR-862L up and running in no time right from your couch 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. You can also set up a secure network with the touch of a button using Wi-Fi Protected Setup. Simply press the WPS button to instantly establish a secure connection to a new device. If you have additional mydlink Cloud products, you can take advantage of mydlink Zero Configuration. Simply connect your mydlink-enabled device to the DIR-862L and the router will automatically link it to your mydlink account with no configuration required.

Rear View

USB 2.0 Port
WPS Button
Gigabit LAN Ports
Gigabit Internet Port
Power Button
Power Connector

Technical Specifications

General

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 Type	• Internal antennas	
Standards	• IEEE 802.11ac (draft) • IEEE 802.11n • IEEE 802.11g • IEEE 802.11b	• IEEE 802.11a • IEEE 802.3 • IEEE 802.3u
Minimum System Requirements	• Windows8 , Windows7, Windows Vista, • Windows XP SP3, or Mac OS X (v10.4) • Internet Explorer v8, v7, Mozilla Firefox v12.0, • Google Chrome v20.0 or Safari 4	• CD-ROM • Ethernet network interface • Cable or DSL modem • Subscription with an Internet Service Provider

Functionality

Advanced Features	• Guest Zone
	• SharePort™ Web Access
	• Multi-language web setup wizard
	• Green Ethernet
		• Dual Active Firewall
		  • Network Address Translation (NAT)
		  • Stateful Packet Inspection (SPI)
		• VPN passthrough/multi-session PPTP/L2TP/IPSec

mydlink 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	• Shareport Mobile • QRS Mobile
Wireless Security	• WPA & WPA2 (Wi-Fi Protected Access)	• Wi-Fi Protected Setup (WPS) PIN/PBC

Physical

Dimensions (L x W x D)	• 156.5 x 113.2 x 53.6 mm (6.16 x 4.45 x 2.11 inches)	
Weight	• 413 grams (0.91 lbs)	
Power	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V DC, 2 A
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 0% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC Class B • IPv6 Ready • IC • DLNA[2]	• Wi-Fi Certified • Wi-Fi Protected Setup (WPS) • Wi-Fi Multimedia (WMM) • Compatible with Windows 8

Order Information

Part Number	Description
DIR-862L	Wireless AC1600 Dual Band Gigabit Cloud Router

[1] Maximum wireless signal rate derived from IEEE standard 802.11ac (draft) specifications which are subject to change. 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] DNLA Available in the future

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