D-Link®
Building Networks for People

Product Highlights

Wireless AC and Gigabit Ethernet

Stream HD multimedia across your home without interruption using the fastest wired and wireless connectivity options available today

mydlink Cloud-enabled

Create a personal cloud to effortlessly monitor your network and access files from any Internet-connected PC or mobile device

Easy Set Up and Installation

The QRS (Quick Router Setup) Mobile app for your iOS or Android device allows you to set up your network without touching a computer

DIR-850L

Wireless AC1200 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
- Four internal antennas with 11ac technology to ensure comprehensive home coverage

mydlink Cloud

- Share files[2] and stream multimedia from your own personal 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
- Shareport Mobile app lets you stream and share media files and documents across your network
- QRS Mobile app lets you set up your network using a mobile device without 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-850L Wireless AC1200 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 Shareport Mobile app to stream and share your media files.

Fast and Reliable Home Networking

The D-Link DIR-850L Wireless AC1200 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. The DIR-850L's 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 AC1200 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 any iOS or Android mobile device. Parents can monitor what sites their children are visiting, and can stay informed and in control on the go.

File Sharing Right at Your Fingertips

The SharePort Mobile app allows you to connect a USB storage device to the DIR-850L and instantly share documents, movies, pictures, and music with mobile devices. You can put your music library on a USB drive and share it with your entire home. You can show photos on the living room TV while a family member watches a movie on their mobile device. You can stream media files to multiple devices without interruption, or save them to your device for offline playback. The intuitive interface lets anyone immediately connect to a variety of entertainment options stored securely on your own storage device.
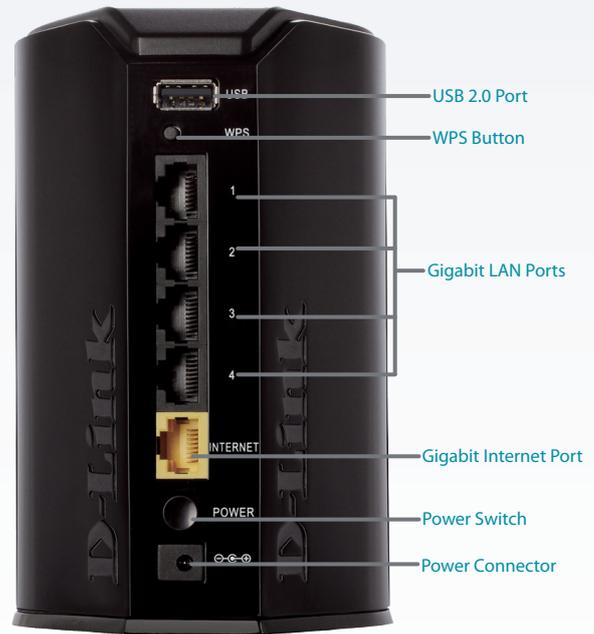
Smooth Streaming with Wireless AC

The DIR-850L uses the latest Wireless AC technology, which can provide transfer rates of up to 1.2 Gbps[1]. The router operates on both the 2.4 GHz and 5 GHz wireless bands at the same time using concurrent dual-band technology and four internal antennas. 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.

Easy to Set Up and Use

Get the DIR-850L 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 instantly set up a secure network with just the touch of a button using Wi-Fi Protected Setup.

mydlink Zero Configuration

If you have additional mydlink cloud products, you can take advantage of mydlink Zero Configuration. Simply connect your mydlink-enabled device to the DIR-850L and the router will automatically link it to your mydlink account, allowing even novice users to set up and use their new device immediately. Set up a home survelliance network in an instant using D-Link Cloud Cameras, or effortlessly stream your media files across the Internet with our ShareCenter Cloud Storage products – no configuration required.

USB 2.0 Port
WPS Button
Gigabit LAN Ports
Gigabit Internet Port
Power Switch
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	• 2x2 (2.4 GHz) and 2x2 (5 GHz) 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	• Windows 7/Vista/XP SP3 or
	  Mac OS X 10.4 or higher
	• Microsoft Internet Explorer 6 or higher, Firefox 1.5 or
	  higher, or other Java-enabled browser
		• CD-ROM
		• Ethernet network interface
		• Cable or DSL modem
		• Subscription with an Internet Service Provider

DIR-850L Wireless AC1200 Dual Band Gigabit Cloud Router

Functionality

Advanced Features	• Guest Zone • Web file access • Multi-language Web Setup Wizard • Green Ethernet • DLNA Media server support	• 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 • SharePort Mobile	• QRS Mobile
Wireless Security	• WPA & WPA2 (Wi-Fi Protected Access)	• Wi-Fi Protected Setup (WPS) PIN/PBC

Physical

Dimensions	• 93 x 116 x 145 mm (3.7 x 4.6 x 5.76 inches)	
Weight	• 330 grams (0.73 lbs)	
Power	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V DC, 2 A
Temperature	• Operating: 0 to 40 ℃ (32 to 104 °F)	• Storage: -20 to 65 ℃ (-4 to 149 °F)
Humidity	• Operating: 0% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC Class B • CE Class B • C-Tick • DLNA • IPv6 Ready	• Wi-Fi Certified • Wi-Fi Protected Setup (WPS) • Wi-Fi Multimedia (WMM) • Compatible with Windows 8

Order Information

Part Number	Description
DIR-850L	Wireless AC1200 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] File sharing is for local network use only

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