D-Link®

DUAL BAND AC 1200

Next Generation Wireless Technology – Wireless AC1200 for optimized performance and reliable coverage delivering high-quality HD video streaming, gaming and file transfers.

Dual Band Performance – Up to 300Mbps (2.4GHz) + 867Mbps (5GHz) to deliver fast wireless speeds and less interference for maximum throughput

Backward Compatibility – Compatible with wireless 802.11a/g/n devices

mydlink™ Cloud Management – Monitor and manage your network from anywhere

Gigabit Speed – Four Gigabit Ethernet ports for superior device connectivity

Wireless AC1200 Dual Band Gigabit Cloud Router

Product Highlights

Wireless AC1200 Dual Band Performance

Connect four of your Devices with Gigabit Ethernet Connectivity

Stream and Share your Files with SharePort Mobile

Backward compatible with your wireless devices

App-Enabled Network Control and Monitoring

Quick and Easy Setup

DIR-850L

Upgrade to Revolutionary AC Performance

The D-Link Wireless AC1200 Dual Band Gigabit Cloud Router (DIR-850L) delivers next-generation wireless speed and coverage to all your Wi-Fi devices. With wireless dual band speeds of 300 and 867Mbps, the DIR-850L avoids interference to deliver the fastest wireless speeds, improved coverage and reliable connections. The DIR-850L is ideal for streaming HD video, gaming, connecting multiple devices, and watching shows on your TV – all at the same time. The DIR-850L is also backward-compatible with your existing wireless 802.11a/g/n devices for seamless connectivity. D-Link's free mobile apps provide easy setup, remote monitoring and access to content from anywhere on your Smartphone or Tablet.

Dual Band Advantage

The Wireless AC1200 Dual Band Gigabit Cloud Router delivers dual band performance for intelligent, versatile, interference-free bandwidth. Check your email and surf the Internet on the 2.4GHz band; and game, make Skype calls and stream HD movies to multiple devices using the cleaner, interference-free 56GHz band. Whatever you like to do online, dual band has you covered.

DIR-850L Wireless AC1200 Dual Band Gigabit Cloud Router

Package Contents

- Wireless AC1200 Dual Band Gigabit Cloud Router
- Ethernet Cable
- Power Adapter
- Quick Install Guide[1]
- Network configuration card

Minimum System Requirements

Computer with:

- Windows® 8[2] Windows® 7[2], Windows Vista®[2], Windows® XP SP2[2], or Mac OS® X (v10.4)
- Internet Explorer® v6, Mozilla® Firefox®, Google Chrome or Safari 4
- Network Interface Card

For Internet Access:

- Cable or DSL Modem
- Subscription with an Internet Service Provider (ISP)

Mobile Apps:

- SharePort Mobile App Requires iOS 4.3 or higher, and Android 2.0 or higher
- QRS Mobile App Requires iOS 4.3 or higher, and Android 2.0 or higher
- mydlink App Requires iOS 3.0 or higher and Android 1.6 or higher

Features

- Remote Access: Remote access for network management in the palm of your hand with the free mydlink app
- Media Sharing: Wirelessly access your favorite media from a connected USB storage drive with the free SharePort Mobile app
- Performance with Wireless AC1200 and four Gigabit Ethernet ports.
- Easy Setup: Intelligent setup using web browser wizard or with the free Quick Router Setup (QRS) mobile app

Local File Access through SharePort™ Mobile

With the free SharePort Mobile app and built-in USB port, you can locally access your favorite videos, music and photos on a connected USB device wirelessly from your tablet or Smartphone. Supporting storage devices of up to 500GB, the SharePort Mobile app lets you quickly and easily store thousands of movies, pictures, movies and more, all from one centralized location.

mydlink Cloud Services

D-Link's Cloud Routers also provide the added benefit of remote network management and remote file access via mydlink Cloud Services. Take advantage of everything mydlink Cloud has to offer through the free SharePort™ Mobile, QRS Mobile, and mydlink Lite apps and web portal (mydlink.com).

- Monitor and control your home network from anywhere
- Stream and share files and media over your home network from virtually any connected USB device
- Quickly setup your router from your mobile phone or tablet

	DIR-850L	DIR-865L
Performance		
Range		
Wi-Fi Speed	1200Mbps	1750Mbps
Bands	Dual Band 2.4GHz and 5.0GHz	Dual Band 2.4GHz and 5.0GHz
Ports	4 x Gigabit Ethernet	4 x Gigabit Ethernet
Features		
Ideal for E-mail, Web Browsing and Music Streaming	•	•
Ideal for HD Video	•	•
Ideal for Online Gaming	•	•
Simultaneous HD Media Streaming		•
Advanced Features		
Wi-Fi Protected Setup	•	•
Remote Network Control and Management	•	•
Local File Sharing and Streaming	•	•
Enhanced Coverage		•

DIR-850L Wireless AC1200 Dual Band Gigabit Cloud Router

Back

USB SharePort™
Share media from a USB external hard drive or thumb (flash) drive

WPS Push Button
Easily and securely connect new devices with the push of a button

4 Gigabit LAN Ports
Connects up to 4 wired devices

Internet Port (WAN)
Plug your Internet cable in here

Power Button

Power Connector

Technical Specifications

Standards

2.4GHz
- IEEE 802.11n
- IEEE 802.11g

5GHz
- IEEE 802.11ac (draft)
- IEEE 802.11n
- IEEE 802.11a

LAN/WAN
- IEEE 802.3u
- IEEE 802.3ab

Physical Interfaces
- 4 Gigabit Ethernet Ports
- 1 Gigabit WAN Port
- USB 2.0 Port
- WPS (Wi-Fi Protected Setup) Push Button
- Reset Button
- Power (on/off)

Antenna Type
- Internal Antennas

Security
- Wi-Fi Protected Access (WPA/WPA2)
- WPS™ (Wi-Fi Protected Setup)

LEDs
- Power
- Internet

Power
- DC 12V

Operating Temperature
- 30º to 104º F (0º to 40º C)

Operating Humidity
- 10% to 95% non-condensing

Certifications
- FCC
- IC
- IPv6
- Wi-Fi Certified

Advanced features
- VPN pass through
- Guest Zone Support
- UPnP AV Media Server support (DLNA)
- Wi-Fi WMM Quality of Service
- IPv6
- Parent Control Support
- SharePort Web Access Support

Mobile Apps
- SharePort™ Mobile
- mydlink™ Lite
- QRS

Dimensions
- 3.375" x 4.375" x 5.75"
  (85.73 x 111.13 x 145.288 mm)

Weight
- .65lbs
  (.28kg)

Warranty
- 1-Year Limited Warranty[6]

1 Latest software and documentation are available at http://support.dlink.com.

2 Computer must adhere to Microsoft's recommended System Requirements.

3 Maximum wireless signal rate derived from draft IEEE 802.11ac specifications. D-Link makes no warranties as to forward compatibility with future standards or compatibility with draft 802.11ac devices from other manufacturers. 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 may adversely affect wireless signal range. Up to 867Mbps wireless speeds achieved when connecting to other 802.11ac devices.

4 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase.

5 1-Year Limited Warranty available only in the USA and Canada.

6 Zero Configuration requires a D-Link Cloud Router and a Zero Configuration-enabled device.

All references to speed and range, including the performance chart, are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details.

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Updated 03/13/13

Compatible with Windows 7 | IPv6 READY | Wi-Fi PROTECTED SETUP | Available on the App Store | ANDROID APP ON Google play

D-Link®
Building Networks for People