D-Link®
Building Networks for People

Wireless AC

Product Highlights

Connect all of your devices to the Internet

Access the Internet with all your devices, whether you're sharing a premium wireless hotspot or your 3G/4G LTE USB adapter's mobile Internet connection

The latest in wireless technology

Enjoy lightning-fast wireless connectivity and enhanced coverage with the latest 802.11ac dual-band wireless technology

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

mydlink™

AC750
DIR-510L

DIR-510L
Wi-Fi AC750 Portable Router and Charger

Features

Connect Your Devices

- Shares an Internet connection with multiple devices wirelessly
- Dual-band 802.11ac wireless technology with combined speeds of up to 750 Mbps[2]
- Automatically detects the appropriate connection mode to use
  - **Broadband Router Mode:** Connect an Ethernet cable to share your wired Internet connection
  - **Mobile Router Mode:** Connect a 3G/4G USB adapter to share your mobile Internet connection[1]
  - **Hotspot Mode:** Share Internet access from a Wi-Fi hotspot with all of your devices
- Connect to your network via two concurrent wireless bands for seamless performance no matter what you are doing
- Saves your connection settings for automatic connection later

Share Your Files

- Plug in a USB drive for easy file access[3]
- Stream your files over the Internet to your mobile device with the mydlink™ SharePort™ app
- SharePort™ Mobile app for Windows 8/RT devices
- Stream media to UPnP/DLNA-capable devices

Charge Your Devices

- High-capacity 4000 mAh rechargeable battery
- Charge your mobile devices on the go, including power-hungry devices like iPads

Connect and share an Internet connection, or charge your mobile devices anytime, anywhere, with D-Link's DIR-510L Wi-Fi AC750 Portable Router and Charger. Share files, stream media, and browse the Internet with the superb speed and performance provided by the latest Wireless AC technology. Simply connect your laptop, smartphone, or tablet to the DIR-510L's wireless network and it will take care of the rest. With the built-in high-capacity rechargeable battery, this portable charger gives power to your mobile device so that you can talk, listen to music, watch videos or surf the web for longer.

Wireless AC for Breakthrough Performance

The DIR-510L incorporates the latest Wireless AC750 technology for enhanced wireless connection range and speed. High performance dual-band wireless allows the router to deliver combined connection speeds of up to 750 Mbps using 2.4 GHz and 5 GHz bands. Moreover, 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. Combined with support for Universal Plug and Play (uPnP) and a built-in DLNA server, you can stream your multimedia collection smoothly and securely across all your devices and appliances, including smart TVs, game consoles, and media PCs.[4]

mydlink™ SharePort™ – Share On the Go

Sharing audio, videos, and photos could not be simpler with the DIR-510L. Using the mydlink™ SharePort™ and SharePort™ Mobile apps for mobile devices, you can upload, download, and stream multimedia and documents to and from a USB drive attached to your DIR-510L, from anywhere in the world! Simply download the app, register for a free mydlink™ account, connect to your DIR-510L, and you can start sharing your media files with your friends and family as long as you have access to the Internet.

Your Mobile Power Station

The DIR-510L's built-in high-capacity 4000 mAh rechargeable battery not only powers the device itself, it also keeps your gadgets charged and ready to go. The device provides two USB ports so you can charge a device and share files from a USB drive at the same time. You no longer have to worry about your smartphone's battery running out of juice while on-the-move. Simply connect your smartphone or high-power devices like iPads to the USB port to start charging anywhere, anytime.[6]

Easy to Set Up, Easy to Use

The DIR-510L includes a user-friendly interface that stores your connection details so you only have to enter them once. Whether you're connected via your 3G/4G LTE adapter for mobile Internet or to a public Wi-Fi hotspot, the DIR-510L helps you keep all of your devices connected. 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.

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!
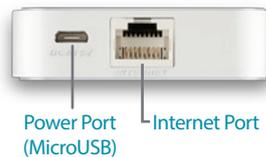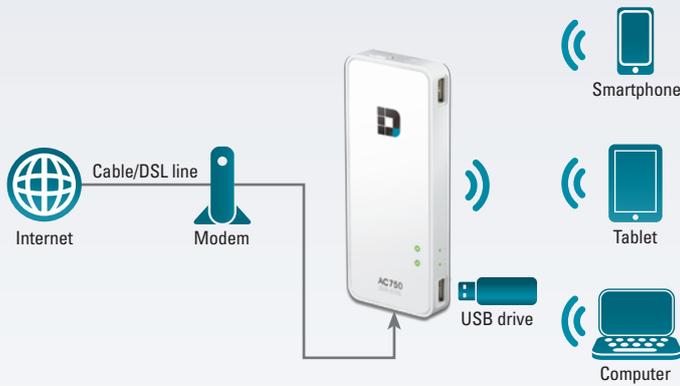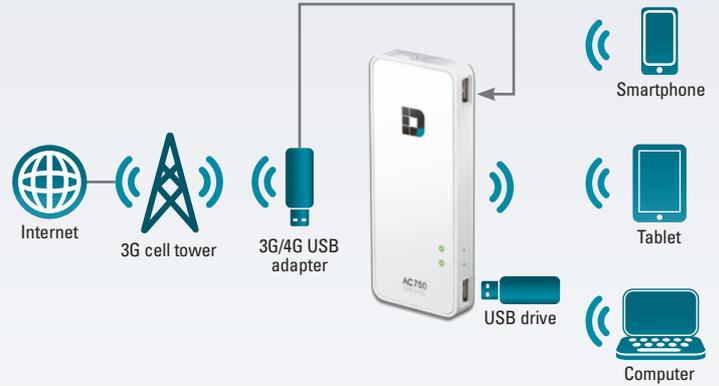
Side View

USB 2.0 Port (1 A)

Power/Status LED
Battery LED
USB 2.0 Port (0.5 A)

Reset Button

Top View

Power Switch   WPS Button

Bottom View

Power Port   Internet Port
(MicroUSB)

D-Link®
Building Networks for People

DIR-510L Wi-Fi AC750 Portable Router and Charger
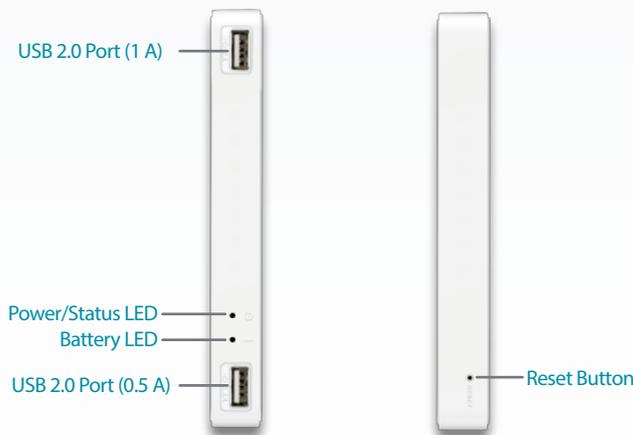
Share Your Broadband Internet

Internet — Cable/DSL line — Modem — [Router AC750] — USB drive
- Smartphone
- Tablet
- Computer

Share Your Mobile Internet

Internet — 3G cell tower — 3G/4G USB adapter — [Router AC750] — USB drive
- Smartphone
- Tablet
- Computer

Share a Wi-Fi Hotspot

Internet — Wi-Fi Hotspot — [Router AC750] — USB drive
- Smartphone
- Tablet
- Computer

Share Your Files Locally or Through the Internet

[Router] — USB drive — Internet
- Smartphone
- Tablet
- Computer
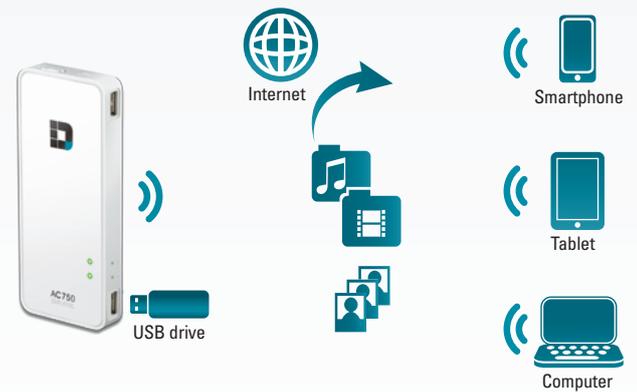
Technical Specifications

General

Device Interfaces	• 802.11 a/b/g/n/ac Wireless LAN, up to 750 Mbps[2] • WAN 10/100 Ethernet port • WPS button • Power switch • Reset button	• USB 2.0 Type A port (1 A) for compatible 3G/4G adapters, USB drive, or charging other devices • USB 2.0 Type A port (0.5 A) for USB drive • Power port (MicroUSB)
LEDs	• Power/Status	• Battery status
Standards	• IEEE 802.11ac (draft) • IEEE 802.11n • IEEE 802.11b • IEEE 802.11g • IEEE 802.11a	• IEEE 802.3 • IEEE 802.3x • IEEE 802.3u • USB 2.0
Internet Modes	• Broadband Router Mode • Mobile Router Mode	• Wi-Fi Hotspot Mode
Power Modes	• On/Off/Charger[8]	
Wireless Frequency Range	• IEEE 802.11a: 5.15 GHz to 5.85 GHz • IEEE 802.11b: 2.4 GHz to 2.497 GHz	• IEEE 802.11g/n: 2.4 GHz to 2.483.5 GHz • IEEE 802.11ac: 5.15 GHz to 5.85 GHz
Antennas	• Internal antennas	

Functionality		
Sharing Features[3]	• mydlink™ SharePort™ app • App supports iPhone, iPad, iPod Touch, and Android devices • Remote Access Mode: Access files through the Internet[7] • Local Access Mode: Access files from any device connected to the DIR-510L	• SharePort™ Web Access support (Web browser) • Access files from any device connected to the DIR-510L • SharePort™ Mobile app support for Windows 8/RT devices
Security	• Wi-Fi Protected Access (WPA/WPA2) • WEP 64/128-bit encryption[5]	• WPS 2.0 (PBC)
Advanced Features	• Guest Zone support • IPv6 • Wi-Fi WMM Quality of Service (QoS)	• UPnP support • DLNA Media Server [4]
Advanced Firewall Features	• Network Address Translation (NAT)	• MAC address filtering
Device Management	• User-friendly web UI with desktop and mobile interfaces	

Physical		
Dimensions	• 140.0 x 59.0 x 16.0 mm (5.5 x 2.3 x 0.63 inches)	
Weight	• 154 g (5.43 ounces)	
Power	• Built-in 4000 mAh Li-ion rechargeable battery • Input: 5 V DC/1.8 A maximum (standard adapter)	• Output: 5 V/1 A via USB Type A port 5 V/0.5 A via USB Type A port
Temperature	• Operating: 0 to 40 ℃ (32 to 104 °F)	• Storage: -10 to 45 ℃ (14 to 113 °F)
Humidity	• Operating: 10% to 75% non-condensing	• Storage: 5% to 75% non-condensing
Certifications	• FCC • CE • IC • C-Tick • NCC	• cUL • LVD • BSMI

[1] For a list of compatible 3G/4G USB adapters, check your local D-Link website.
[2] Maximum wireless signal rate derived from IEEE standard 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 can adversely affect wireless signal range.
[3] If you have attached one or more USB devices (such as a 2.5" USB hard drive) that draw a total of 0.7 A or more power, the power adapter will not supply enough voltage to charge your DIR-510L while simultaneously powering the USB devices.
[4] Available in a future firmware update.
[5] For WAN connection to a Wi-Fi hotspot in hotspot mode only.
[6] Actual usable capacity may vary depending on charging conditions.
[7] For an optimal streaming experience, 2 MB of upload bandwidth is recommended.
[8] The DIR-510L only supports charging on the USB port (1 A) in CHARGER mode.

For more information: www.dlink.com

D-Link®
Building Networks for People