

Product Highlights

Connect all of your devices to the Internet

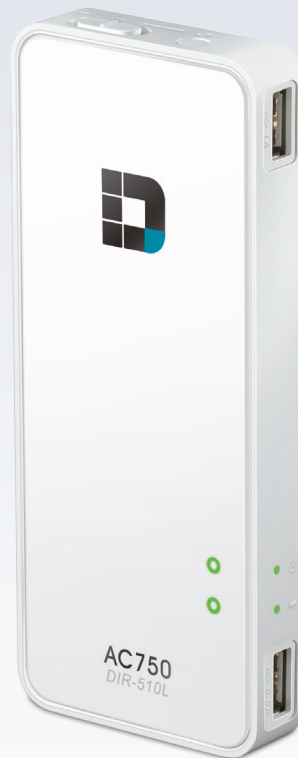
Access the Internet with all your devices, whether you're sharing a premium wireless hotspot or your 3G/4G USB adapter's mobile Internet connection

Share your files easily

Stream photos, music, videos and documents stored on a USB drive directly to multiple mobile devices through the SharePort Cam app

Charge your mobile devices on the go

The built-in 4000mAh rechargeable battery keeps your mobile devices charged and ready to go no matter where you are



DIR-510L

Wi-Fi AC750 Portable Router and Charger

Features

Connect Your Devices

- Automatically detects the appropriate connection mode to use
- **Broadband Router Mode:** Connect an Ethernet cable to share your wired connection
- **Mobile Router Mode:** Connect a 3G/4G USB adapter to share your mobile connection¹
- **Hotspot Mode:** Share Internet access from a Wi-Fi hotspot with all of your devices
- Shares your Internet connection through Wireless AC with speeds up to 750 Mbps²
- Saves your connection settings for automatic connection later

Share Your File

- Plug in a USB drive for easy file access³
- 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 High-Demand devices like iPads

Connect, share and 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 reliability and performance provided by Next-Generation 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. A built-in, high-capacity rechargeable battery, allows for on-the-go charging of all your mobile devices.

Wireless AC for Next-Generation Mobile Performance

The DIR-510L incorporates the latest Wireless AC750 technology for unprecedented range and data transfer performance to and from compatible Wi-Fi devices. Using dual-band technology to alleviate channel congestion and reduce potential signal interference, the DIR-510L is capable of delivering a combined bandwidth of 750Mbps (300Mbps-2.4Ghz/433Mbps-5Ghz) using the 2.4GHz and 5GHz bands. For added convenience, Guest Zone control allows visitors to use your Internet connection while restricting them from the rest of your personal network. Universal Plug and Play (uPnP) and a built-in DLNA server, enables you to stream your multimedia collection smoothly and securely across all your devices such as smart TVs, game consoles and media PCs.⁴

mydlink SharePort™ – Share On the Go

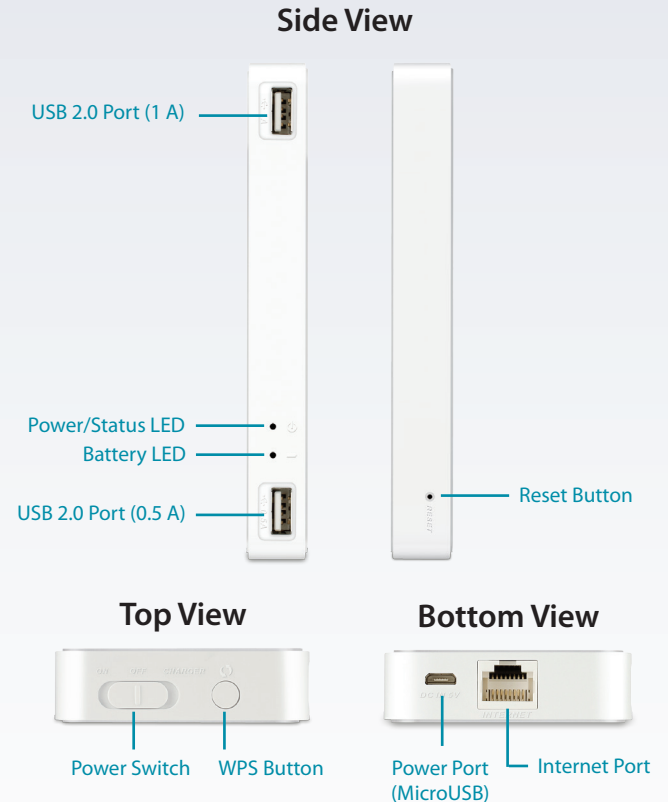
Sharing audio, videos and photos is a breeze with the DIR-510L. The mydlink SharePort and SharePort Mobile apps for mobile devices enables you to upload, download and stream multimedia and documents. Simply download the app, register for a free mydlink account, attach a USB drive to your DIR-510L and access your content from any available internet connection.

Your Mobile Power Station

The DIR-510L's built-in high-capacity 4000mAh 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-go. 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 for you so you only have to enter them once. Whether you're connected via your 3G/4G adapter for mobile Internet or to the Wi-Fi hotspot of your favorite café, the DIR-510L helps you keep all of your devices connected, automatically!



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • 802.11 a/b/g/n/ac Wireless LAN, up to 750 Mbps² • WAN 10/100 Ethernet port • WPS button • Power switch • Reset button 	<ul style="list-style-type: none"> • 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 or DCS-300 • Power port (MicroUSB)
LEDs	<ul style="list-style-type: none"> • Power/Status 	<ul style="list-style-type: none"> • Battery status
Standards	<ul style="list-style-type: none"> • IEEE 802.11ac (draft) • IEEE 802.11n • IEEE 802.11b • IEEE 802.11g • IEEE 802.11a 	<ul style="list-style-type: none"> • IEEE 802.3 • IEEE 802.3x • IEEE 802.3u • USB 2.0
Internet Modes	<ul style="list-style-type: none"> • Broadband Router Mode • Mobile Router Mode 	<ul style="list-style-type: none"> • Wi-Fi Hotspot Mode
Power Modes	<ul style="list-style-type: none"> • On/Off/Charger⁸ 	
Wireless Frequency Range	<ul style="list-style-type: none"> • IEEE 802.11a: 5.15 GHz to 5.85 GHz • IEEE 802.11b: 2.4 GHz to 2.497 GHz 	<ul style="list-style-type: none"> • IEEE 802.11g/n: 2.4 GHz to 2.483.5 GHz • IEEE 802.11ac: 5.15 GHz to 5.85 GHz
Antennas	<ul style="list-style-type: none"> • Two Internal Antennas 	

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

Functionality		
Sharing Features ³	<ul style="list-style-type: none"> • mydlink SharePort app • App supports iPhone®, iPad®, iPod touch®, and Android™ devices • Remote Access Mode: Access files through the Internet⁷ • Local Access Mode: Access files from any device connected to the DIR-510L 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Wi-Fi Protected Access (WPA/WPA2) 	<ul style="list-style-type: none"> • WPS 2.0 (Wi-Fi Powered Setup)
Advanced Features	<ul style="list-style-type: none"> • Guest Zone support • IPv6 • Wi-Fi WMM Quality of Service (QoS) 	<ul style="list-style-type: none"> • UPnP support • DLNA Media Server⁴ • VPN Pass Through
Advanced Firewall Features	<ul style="list-style-type: none"> • Network Address Translation (NAT) 	<ul style="list-style-type: none"> • MAC address filtering
Device Management	<ul style="list-style-type: none"> • User-friendly web UI with desktop and mobile interfaces 	
Physical		
Dimensions	<ul style="list-style-type: none"> • 5.5 x 2.3 x 0.63 inches 	
Weight	<ul style="list-style-type: none"> • 5.43 ounces 	
Power	<ul style="list-style-type: none"> • Built-in 4000 mAh Li-ion rechargeable battery • Input: 5 V DC/1.8 A maximum (standard adapter); 	<ul style="list-style-type: none"> • Output: 5 V/1 A via USB Type A port • 5 V/0.5 A via USB Type A port
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -10 to 45 °C (14 to 113 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 75% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 75% non-condensing
Certifications	<ul style="list-style-type: none"> • FCC • CE 	<ul style="list-style-type: none"> • IC • cUL
Order Information		
<i>Part Number</i>	<i>Description</i>	
DIR-510L	Wi-Fi AC750 Portable Router and Charger	

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 will 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 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

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