

Product Highlights

Share any Internet connection wirelessly

Share your home broadband connection, or share access to a Wi-Fi hotspot with multiple PCs and devices

Stream Media to All of Your Devices

The SharePort Mobile app for iOS/Android allows you to access your videos, music, photos, and documents from multiple devices at the same time

True Portability

A rechargeable battery and mini-USB power option offer you the freedom to create an instant wireless network wherever you are



DIR-506L

Compact Cloud Router

Features

Connectivity

- Wireless 802.11g/b, compatible with 802.11n devices
- WAN/LAN 10/100 Ethernet port
- USB 2.0 port for connecting a USB storage drive

Portability

- Rechargeable battery
- Mini-USB port to power the device or recharge the battery
- Pivoting stand folds away when traveling

Multiple Operation Modes

- *Router Mode*: Share your broadband Internet connection wirelessly
- *AP Mode*: Create a private wireless network
- *Repeater Mode*: Extend the range of an existing wireless network
- *Wi-Fi Hot Spot Mode*: Share Internet access with all of your devices from a Wi-Fi hotspot

SharePort™ Mobile

- Plug in a USB storage drive to share files
- Access and play files through a web interface or the SharePort™ Mobile app for mobile devices²

Easy to Use

- Built-in Setup Wizard to guide you through installation quickly and easily

The DIR-506L Compact Cloud Router is a portable router that lets you share your Internet connection and your files all from a compact device that fits in your compact. Tiny yet versatile, it gives you all the functionality of a router, access point, wireless repeater, and network storage drive. It also features a rechargeable battery and mini-USB power option so that it is the perfect companion for any road warrior.

Travel-friendly and Versatile

For easy connectivity and file sharing on the go, the DIR-506L is ideal. Its compact design allows it to fit right in your compact, and the rechargeable battery means you don't even need a power outlet to share your Internet connection or create a network. You can also plug it into a powered USB port to recharge the battery. A pivoting stand allows for vertical use and folds away when you're on-the-go.

Share and Stream Your Files

Connect a USB storage device to your Compact Cloud Router to create a shared storage space, making it easy to share files between computers and devices connected to your network.² Plug in a USB hard drive to stream your library of videos and music to your laptop, or use a USB flash drive to share presentation files with other team members. An easy to use web interface lets you access, upload, and play files stored on your USB drive, and the SharePort™ Mobile app for mobile devices allows you to back up photos and videos stored on your device. You can even customize your shared storage space by creating separate accounts to control access to the USB drive, so you can share your music with everyone but keep your personal files private.

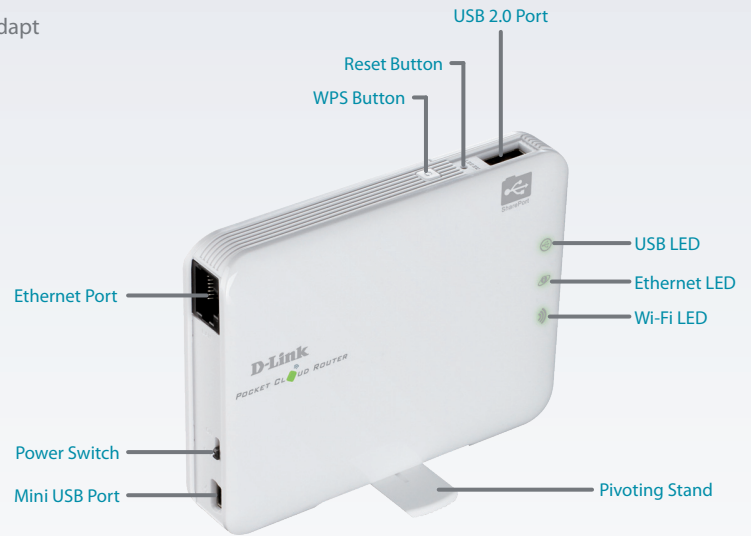
Easy to Set Up, Easy to Use

Setting up the Compact Cloud Router is simple. Just plug it in, connect to it wirelessly with a PC or mobile device, and follow the steps in the built-in Setup Wizard to configure the DIR-506L. It's easy to set up and use in an instant, whenever you need it, and wherever you are.

Multiple Modes for All Your Needs

The Compact Cloud Router features multiple wireless modes, allowing it to adapt to any situation. Router Mode shares your broadband Internet connection wirelessly; just connect it to your cable or DSL modem to provide high-speed Internet access for an entire home or office. AP Mode lets you create a private wireless network instantly, making it perfect for sharing files during business meetings. Repeater Mode extends an existing wireless network, so you can place them anywhere in your home to extend the range of your existing wireless network. Wi-Fi Hot Spot mode lets you share an Internet connection coming from a wireless hotspot. This lets you share a wireless connection at a hotel or café with all your devices.

Additionally, Repeater Mode and Wi-Fi Hot Spot Mode let you connect any device with an Ethernet port, enabling it to connect to your network wirelessly. Connect an Xbox 360[®] or smart TV to a DIR-506L to give them the ability to connect to your router wirelessly while extending your home's wireless coverage at the same time.



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • Wireless N150 • WAN/LAN 10/100 Ethernet port • WPS button • Reset button 	<ul style="list-style-type: none"> • USB 2.0 port • Mini-USB port • Power switch • Internal Battery
LEDs	<ul style="list-style-type: none"> • Status/WPS • USB 	<ul style="list-style-type: none"> • Ethernet • Wi-Fi
Standards	<ul style="list-style-type: none"> • IEEE 802.11g/b, compatible with 802.11n devices • IEEE 802.3 	<ul style="list-style-type: none"> • IEEE 802.3u • USB 2.0
Wireless Modes	<ul style="list-style-type: none"> • Router Mode • Access Point Mode 	<ul style="list-style-type: none"> • Repeater Mode • Wi-Fi Hot Spot Mode
Wireless Frequency Range	<ul style="list-style-type: none"> • 2.4 GHz to 2.4835 GHz 	
Antennas	<ul style="list-style-type: none"> • Internal antenna 	
Battery	<ul style="list-style-type: none"> • Removable Li-ion rechargeable battery 	

Functionality

Security	<ul style="list-style-type: none"> • Wi-Fi Protected Access (WPA/WPA2) • WEP 64/128-bit encryption 	<ul style="list-style-type: none"> • WPS (PBC/PIN)
Advanced Features	<ul style="list-style-type: none"> • SharePort™ Mobile app support (iOS, Android) • SharePort™ Web File Access support • DLNA Media Server 	<ul style="list-style-type: none"> • Guest Zone support⁵ • UPnP support • Wi-Fi WMM Quality of Service (QoS)
Advanced Firewall Features	<ul style="list-style-type: none"> • Network Address Translation (NAT) • Stateful Packet Inspection (SPI) 	<ul style="list-style-type: none"> • MAC address filtering • Website filtering
SharePort Features	<ul style="list-style-type: none"> • Web interface to access, upload, and play files stored on your USB drive • Customize your shared storage space by creating separate accounts • Share music with guests but keep your files private 	<ul style="list-style-type: none"> • SharePort Mobile app for iOS and Android • Play videos, music, and photos • View documents • Back up media by storing on your device
Mobile App Support	<ul style="list-style-type: none"> • SharePort Mobile 	

DIR-506L Compact Cloud Router

Physical	
Dimensions	• 102.9 x 79.8 x 22.3 mm (4.05 x 3.14 x 0.88 inches)
Weight	• 125 grams (0.28 lbs)
Temperature	• 0 to 40 °C (32 to 104 °F)
Humidity	• 0% to 90% non-condensing
Certifications	• CE • Wi-Fi Certified • FCC • IC
Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-506L	Compact Cloud Router

¹ Maximum wireless signal rate derived from IEEE Standard 802.11n, 802.11g, and 802.11b 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. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link 802.11n devices.

² SharePort™ Mobile and sharing features available in Router Mode and Wi-Fi Hot Spot Mode only.

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