Product Highlights

- **Share Your Internet Connection Wirelessly**
  Extends and transforms any Internet connection into a Wi-Fi Hotspot

- Your Own Personal Mobile Cloud
  Wirelessly share the contents of your USB stick securely with others

- 4G LTE/3G Mobile Internet Connectivity
  Connect and share 4G LTE/3G mobile Internet using your existing USB dongle

- Mobile Charger
  Allows you to charge your iPhone®/Android™ Smartphone

- True Portability
  A rechargeable battery with up to 4 hours battery life and a mini-USB power option offers you the freedom to create an instant wireless network wherever you are

**DIR-506L**

Pocket 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 stick
- 4G LTE/3G mobile Internet through compatible USB dongle

**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 Hotspot Mode:** Share Internet access with all of your devices from a Wi-Fi Hotspot. Create a secure micro network

**SharePort™ Mobile:**
- Plug in a USB stick to share files
- Access and play files through a web interface or the SharePort™ Mobile app for mobile devices

**Easy to Use:**
- Built-in Setup Wizard to guide you through installation quickly and easily

The Pocket Cloud Router is a portable router that lets you share your Internet connection and files from a compact device that fits in your pocket. Tiny yet versatile, it gives you all the functionality of a router, Access Point, wireless repeater and Hotspot that allows you to share content across all your devices. It also features a rechargeable battery and mini-USB power option so that it is the perfect companion for remote workers or people on the go.

**Travel-friendly and versatile**

This router is ideal for getting connected to the Internet and file sharing on the go. Its compact design allows it to fit right in your pocket, and the rechargeable battery means you don’t even need a power outlet to start sharing or to 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 it's not in use.

**Share and stream your files**

SharePort™ Mobile serves up effortless access to stored personal files and multimedia whenever a USB stick is connected to the router’s built-in USB port. Music, videos, photos and files can be streamed or shared among multiple users with the easy touch-based SharePort™ Mobile app for iOS and Android™ devices, or with users with a compatible web browser.

**Easy to set up, easy to use**

Setting up the Pocket Cloud Router is simple. Just plug it in, connect to it wirelessly from a PC or mobile device, and follow the steps in the built-in Setup Wizard to configure. 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 Pocket 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 xDSL 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 in your home to give you even more coverage. Wi-Fi Hotspot mode lets you share an Internet connection from a wireless Hotspot, with your own added security, ideal if you are in a hotel or a cafe. You can also 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.

Share Your Mobile Internet

Share your high speed mobile Internet from anywhere by connecting your 4G LTE/3G USB dongle to the Pocket Cloud Router. Please refer to www.dlink.com for more information on compatible products.
**Network Diagrams**

**ROUTER / ACCESS POINT MODE**

- **Internet**
- **Modem / router**
- **DIR-506L Pocket Cloud Router**
- **Tablet**
- **Smartphone**

Add Wi-Fi to an existing wired network.

**REPEATER MODE**

- **Internet**
- **Router**
- **DIR-506L Pocket Cloud Router**
- **Tablet**
- **Smartphone**

Extend the wireless coverage of another AP or wireless router.

**WI-FI HOTSPOT MODE**

- **Internet**
- **Wireless AP (Wi-Fi Hotspot)**
- **DIR-506L Pocket Cloud Router**
- **Tablet**
- **Smartphone**

Share Wi-Fi from an existing wireless Internet source to your local network. Create a micro network.
## DIR-506L Pocket Cloud Router

### Functions & Features

**Device interfaces**
- Wireless N150
- 10/100 Ethernet port
- WAN/LAN
- WPS button
- Reset button
- USB 2.0 port
- Mini-USB port
- Power switch
- Internal battery
- 4G LTE/3G WAN through optional USB dongle

**Data rates**
- Up to 150Mbps with 802.11n clients

**LEDs**
- Status/WPS
- USB
- Ethernet
- Wi-Fi

**Standards**
- IEEE 802.11g/b, compatible with 802.11n devices
- IEEE 802.3
- IEEE 802.3u
- USB 2.0

**Wireless modes**
- Router Mode
- Access Point Mode
- Repeater Mode
- Wi-Fi Hotspot Mode

**Wireless frequency range**
- 2.4 GHz to 2.4835 GHz

**Antennas**
- Internal antenna

**Battery**
- Removable Li-ion rechargeable battery

**Security**
- Wi-Fi Protected Access (WPA/WPA2)
- WEP 64/128-bit encryption
- WPS (PBC/PIN)

**Advanced features**
- SharePort™ Mobile app support (iOS, Android™)
- SharePort™ Web File Access support
- DLNA Media Server
- Guest Zone support
- UPnP support
- Wi-Fi WMM Quality of Service (QoS)
- Share music with guests but keep your files private
- Mobile App support
- Web interface to access, upload, and play files stored on your USB drive
- Customise your shared storage space by creating separate accounts
- Share music with guests but keep your files private
- 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
- SharePort™ Mobile
- QRS
- Advanced firewall features
- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- MAC address filtering
- Website filtering
- SharePort™ features
- Web interface to access, upload, and play files stored on your USB drive
- Customise your shared storage space by creating separate accounts
- Share music with guests but keep your files private
- SharePort™ Mobile app for iOS and Android™:
  - Play videos, music, and photos
  - View documents
  - Back up media by storing on your device

**Certifications**
- CE
- FCC
- Wi-Fi Certified
- IC

**Dimensions (L x W x H)**
- 102.9 x 79.8 x 22.3 mm (4.05 x 3.14 x 0.88 inches)

**Weight**
- 125 grams

**Operating temperature**
- 0 to 40˚C (32 to 104˚F)

**Operating humidity**
- 0% to 90% non-condensing

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1 4G LTE/3G USB dongle not included. For the latest compatibility list, please refer to www.dlink.com or contact your local D-Link support. Please check regional mobile operators for 4G LTE/3G mobile internet availability. Please check that your Pocket Cloud Router is on the latest firmware available from www.dlink.com.

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

3 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.

4 The DIR-506L can be used to charge many types of Smartphones, up to 5V/0.8A (4W).

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For more information: www.dlink.com

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