D-Link®
Building Networks for People

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

- **Extend the range of your network**
  Boost a weak wireless signal throughout your house

- **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

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 its 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.

*The DIR-506L can be used to charge many types of Smartphones, up to 5v/0.8A (4W).
**SharePort™ Mobile and sharing features available in Router Mode and Wi-Fi Hotspot Mode only.
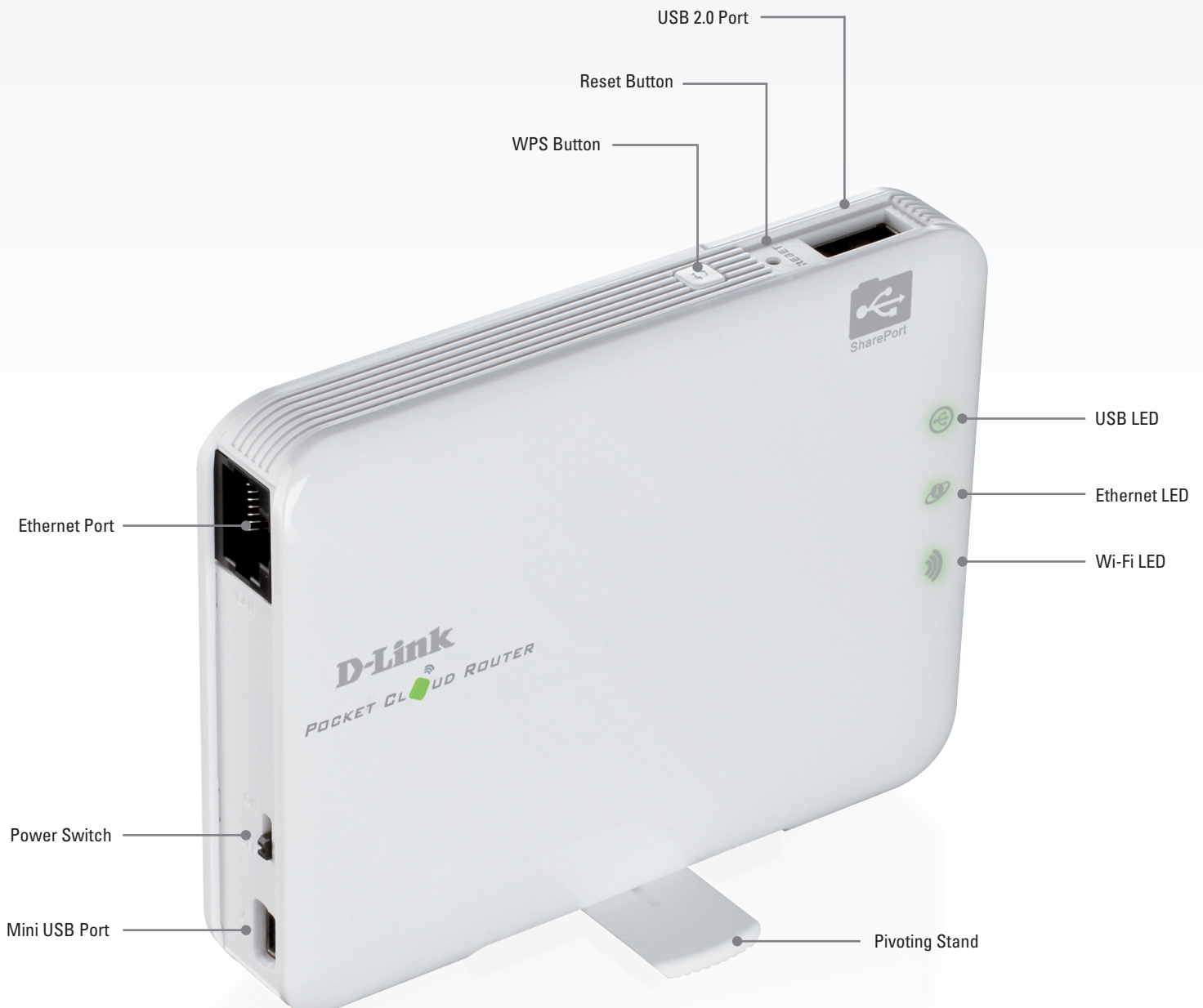
Multiple Modes for all your needs

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 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 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.
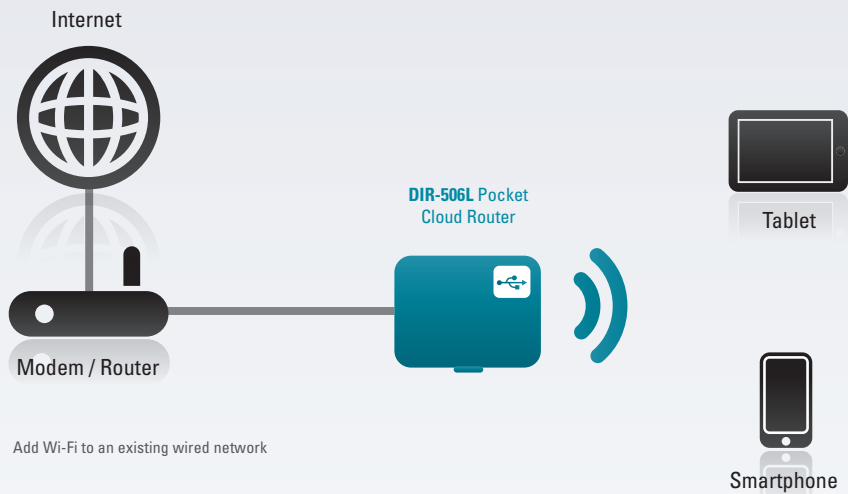
SharePort™ Mobile app

The SharePort™ Mobile app for iPhone®, iPad®, or Android™ devices offers effortless access to stored personal files and multimedia. Music, videos, photos and files can be streamed or transferred from a USB stick 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!
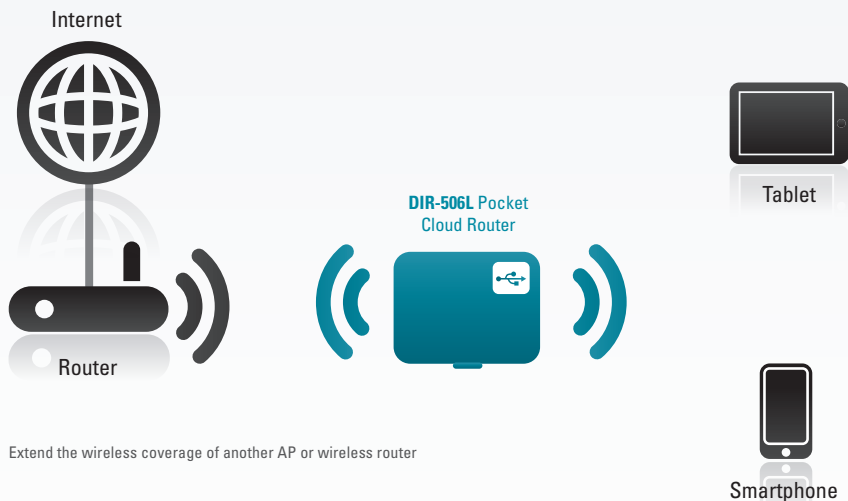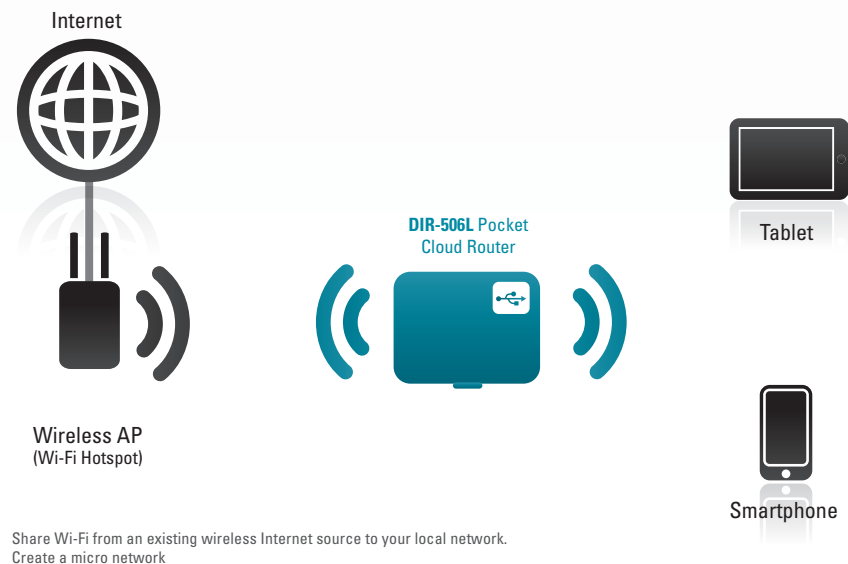
USB 2.0 Port

Reset Button

WPS Button

USB LED

Ethernet LED

Wi-Fi LED

Ethernet Port

Power Switch

Mini USB Port

Pivoting Stand

Network diagrams

ROUTER / ACCESS POINT MODE

Internet

DIR-506L Pocket
Cloud Router

Modem / Router

Tablet

Smartphone

Add Wi-Fi to an existing wired network

REPEATER MODE

Internet

DIR-506L Pocket
Cloud Router

Router

Tablet

Smartphone

Extend the wireless coverage of another AP or wireless router

WI-FI HOTSPOT MODE

Internet

DIR-506L Pocket
Cloud Router

Tablet

Wireless AP
(Wi-Fi Hotspot)

Smartphone

Share Wi-Fi from an existing wireless Internet source to your local network.
Create a micro network

Functions & Features

Device Interfaces	• Wireless N150 • WAN/LAN 10/100 Ethernet port • WPS button • Reset button	• USB 2.0 port • Mini-USB port • Power switch • Internal Battery
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)
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
Mobile App Support	• SharePort™ Mobile	• QRS
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	
Certifications	• CE • Wi-Fi Certified	• FCC • IC

[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.

For more information: www.dlink.com

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