# D-Link®
## Building Networks for People

## DIR-845L
# Cloud Gigabit Router N600 with SmartBeam Technology

## Features

### Connectivity

- Gigabit WAN port to connect to broadband Internet at the maximum connection speed
- Four Gigabit LAN ports to connect wired devices for high-speed online activities
- Concurrent dual-band 802.11n wireless for reliable long-range wireless connections to all of your PCs and mobile devices
- USB 2.0 port to connect to share a printer or media on a storage device

### Cloud Features

- mydlink-enabled to let you access and view your network on the go using the mydlink website or mobile app
- Stream media to your mobile devices using the SharePort Mobile app for iOS and Android

### Security

- Dual Active Firewalls (NAT/SPI) to control traffic and prevent exploits and intrusions
- WiFi Protected Setup (WPS) to quickly and securely add devices to your network
- WPA/WPA2 encryption to secure your wireless traffic

### Easy Setup

- Web browser setup and configuration
- QRS Mobile app to set up your router from a mobile device

The D-Link DIR-845L Cloud Gigabit Router N600 with SmartBeam Technology is a high-speed router that features concurrent dual-band Wireless N, Gigabit Ethernet ports, and smart antennas for incredible speed, range, and coverage. It is also mydlink-enabled for remote access and management from mobile devices, and features a USB port to stream media to devices using the Shareport Mobile app for iOS and Android.

## A Fast and Reliable Home Network

The DIR-845L Cloud Gigabit Router N600 with SmartBeam Technology creates a high-speed home network using Gigabit ports for blazing fast broadband Internet and wired connection speeds. Concurrent dual-band 802.11n wireless gives you the bandwidth to stream HD multimedia across your home, so you can browse the Internet using the 2.4 GHz band, while simultaneously streaming digital media on the 5 GHz band at up to 300 Mbps[1] for each band.

## Access and Manage with mydlink

The Cloud Gigabit Router N600 with SmartBeam Technology allows you to use the mydlink web portal and mobile apps to effortlessly access, view, and manage devices on your home network no matter where you are. See who's connected to your router, change settings, or block connections, all from any Internet connected PC, or an iOS or Android mobile device. Parents can monitor what sites their children are visiting, and can stay informed and in control on the go.

## Share and Stream Your Files

Connect a USB storage device to your DIR-845L to create a shared storage space, making it easy to share files between computers and devices connected to your network. 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 the easy to use SharePort™ Mobile app. 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.
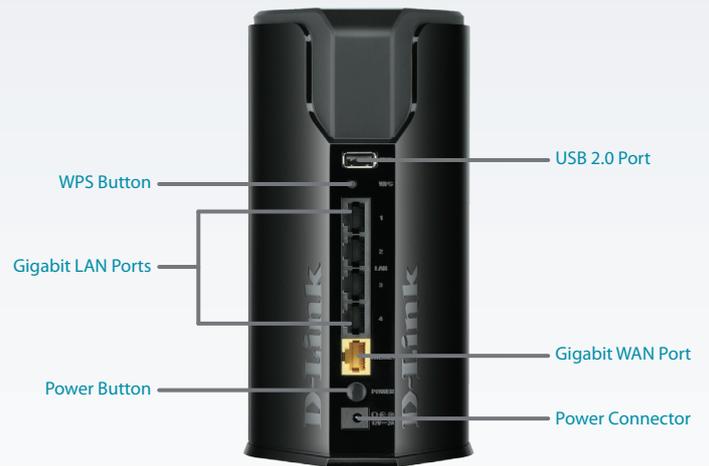
## Smart Antennas Expand Your Coverage

The DIR-845L also uses beam-forming technology which automatically adjusts the antennas signal to provide an optimized connection for each authorized wireless client. This minimizes interference, extends coverage, provides higher wireless speeds, and saves energy by adjusting the amount of power used for wireless connections. You can wirelessly stream smooth HD video, photos, and music on a variety of devices – even in corners where wireless access was difficult before.

## Easy to Set Up and Secure

Get the DIR-845L up and running in no time right from your couch using the QRS (Quick Router Setup) Mobile app on your iOS or Android device. Simply plug in the router, open the app, and follow a few easy steps to get your home network connected without having to touch a computer. You can also set up a secure network with the touch of a button using Wi-Fi Protected Setup. Simply press the WPS button to instantly establish a secure connection to a new device. Protect your network with WPA/WPA2 wireless encryption and a built-in dual-active firewall (SPI and NAT) so you can shop online and do your online banking with confidence.

## Modern, Artistic Design

The elegant curves and the vertical design of the DIR-845L means that you don't need to hide another piece of tech clutter in your home. With all ports and connectors discreetly hidden on the back of the device, you can proudly display your router as a seamless part of any modern home.

WPS Button

Gigabit LAN Ports

Power Button

USB 2.0 Port

Gigabit WAN Port

Power Connector

## Technical Specifications

### General

| | | |
|---|---|---|
| Device Interfaces | • 802.11a/b/g/n Wireless LAN<br>• Four Gigabit LAN ports | • Gigabit WAN port<br>• USB 2.0 port |
| Standards | • IEEE 802.11n<br>• IEEE 802.11g<br>• IEEE 802.11b | • IEEE 802.11a<br>• IEEE 802.3<br>• IEEE 802.3u |
| Minimum System Requirements | • Windows 7/Vista/XP SP3 or Mac OS X 10.4 or higher[2]<br>• Microsoft Internet Explorer 6 or higher, Firefox 1.5 or higher, or other Java-enabled browser | • CD-ROM<br>• Network Interface Card<br>• Cable or DSL Modem<br>• Subscription with an Internet Service Provider |

### Functionality

| | | |
|---|---|---|
| Security | • WPA & WPA2 (Wi-Fi Protected Access) | • Wi-Fi Protected Setup (WPS) - PIN/PBC |
| Advanced Features | • Guest Zone<br>• Web File Access<br>• Multi-language Web Setup Wizard<br>• Green Ethernet<br>• UPnP support | • Dual Active Firewall<br>  • Network Address Translation (NAT)<br>  • Stateful Packet Inspection (SPI)<br>• VPN passthrough/multi-session PPTP/L2TP/IPSec |
| mydlink Cloud Features | • Remote Management<br>  • View current upload/download bandwidth<br>  • View currently connected clients<br>  • View web browsing history per client<br>  • Block/unblock client network access<br>  • Manage wireless network details | • Accessible through a web browser or iOS or Android mobile app |
| SharePort Features | • Stream videos, music, photos, and documents<br>• Web interface to access, upload, and play files stored on your USB drive<br>• SharePort Mobile app for iOS<br>• Back up photos and videos stored your device | • Customize your shared storage space by creating separate accounts<br>• Share your music with everyone but keep your personal files private. |
| Mobile App Support | • SharePort Mobile<br>• QRS Mobile | • mydlink Lite |

## Physical

| | |
|---|---|
| Dimensions | • 119 x 99 x 191.5mm (4.7 x 3.9 x 7.5 inches) |
| Weight | • 358 grams (0.79 lbs) |
| Temperature | • 0 to 40 °C (32 to 104 °F) |
| Humidity | • 10% to 90% non-condensing |
| Certifications | • FCC Class B<br>• CE Class B<br>• C-Tick<br>• Wi-Fi  • Wi-Fi Protected Setup (WPS)<br>• Wi-Fi Multimedia (WMM)<br>• IPv6 Ready<br>• Compatible with Windows 7 |

## Order Information

| Part Number | Description |
|---|---|
| DIR-845L | Cloud Gigabit Router N600 with SmartBeam Technology |

[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]  The software included with this product is not Mac-compatible.

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