



## Product Highlights

### Dual Core Processor

Optimize performance in wireless, wired and USB data transmission.

### Band Steering

Directs clients to the less congested 5 GHz network to increase bandwidth efficiency and availability.

### Advanced AC SmartBeam with Gigabit Ethernet

Stream HD multimedia throughout your home without interruption.

### Your Files, Anywhere with mydlink SharePort

Access your photos, videos, music, and documents no matter where you are with the mydlink SharePort app for your mobile device



## DIR-880L

# Wireless AC1900 Dual Band Gigabit Cloud Router

## Features

### High-Speed Connectivity

- Advanced Wireless AC beamforming dramatically enhances wireless signal strength and throughput
- Gigabit WAN and LAN ports for high-speed wired connections
- Two USB ports to connect storage drives and printers for sharing

### Advanced Quality of Service (QoS)

- Band steering efficiently balances the data load and increases the total bandwidth availability
- Airtime fairness optimally adjusts the data rate of wireless clients for the best performance

### L2TP over IPSec VPN Server Support

- Transmit data securely when connected remotely

### mydlink SharePort™

- Access files stored on a connected USB drive over the Internet
- Stream music and video to your mobile device
- Upload photos and videos from your camera

### Mobile Apps

- mydlink Lite helps you access, manage, and view your network remotely across the Internet
- QRS Mobile sets up your network using a mobile device without the need for a computer

The DIR-880L Wireless AC1900 Dual Band Gigabit Cloud Router lets you easily connect, control and monitor your network using the future of wireless technology, today. Advanced AC SmartBeam provides a significant increase in wireless performance, while Advanced Quality of Service (QoS) efficiently distributes bandwidth. The DIR-880L is also mydlink Cloud-enabled and supports the mydlink SharePort app to stream and share your media files. The DIR-880L is stylish, easy-to-use and comes IPv6-ready for a powerful network that you can rely on.

## Reliable and Efficient

Using the latest wireless AC technology, which can provide transfer rates of up to 1.9 Gbps<sup>1</sup> (1300AC + 600N), the DIR-880L operates on both the 2.4 GHz and 5 GHz wireless bands at the same time using concurrent dual band technology and three external antennas. This allows you to browse the web, chat and email using the 2.4 GHz band, while simultaneously streaming digital media, playing online games or making Internet phone calls on the 5 GHz band. Advanced Quality of Service (QoS) prioritizes the most important data, such as movie streaming and online gaming.

## Superior Coverage and Speed with Advanced AC SmartBeam

Advanced AC SmartBeam technology brings you the future of high-bandwidth wireless connectivity, vastly increasing the speed and coverage of your network. The high-gain external antennas send the signal into the farthest corners of your home, giving you a strong connection wherever you are. Gigabit Ethernet ports provide high-speed wired connections for up to four PCs or other device.

## Monitor Your Network Anytime

With the mydlink Cloud-enabled Wireless AC1900 Dual Band Gigabit Cloud Router, you can effortlessly access and view your network no matter where you are. See who is connected to your router, change settings or block someone from using your network connection, all from any Internet connected PC, tablet or smartphone.

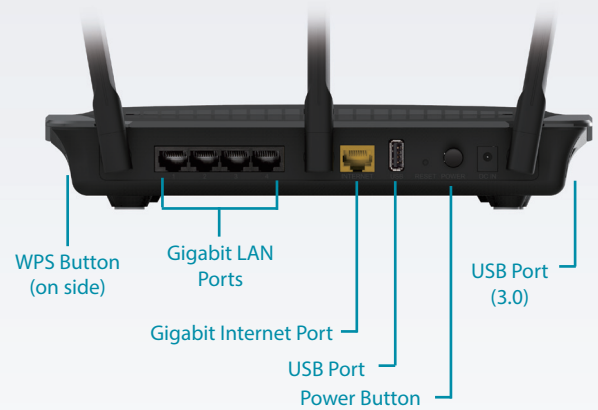
### File Sharing at Your Fingertips

The mydlink SharePort app allows you to connect a USB storage device to the DIR-880L and instantly share documents, movies, pictures and music with other mobile devices. Put your music library on a USB drive and share it with everyone else in your home, or show photos on the living room TV while a family member watches a movie on their mobile device. Stream media files to multiple devices without interruption or save them to your device for offline playback. The intuitive interface lets anyone immediately connect to a variety of entertainment options stored securely on your own storage device.

### Easy to Set Up, Easy to Use

Get the DIR-880L up and running in no time using the Quick Router Setup (QRS) mobile app on your smartphone or tablet. Simply plug in the router, open the app and follow a few easy steps to get your home network connected without having to even touch a computer. You can also set up a secure network with the touch of a button using Wi-Fi Protected Setup (WPS). Simply press the WPS button to instantly establish a secure connection to a new device. If you have additional mydlink cloud products, you can take advantage of mydlink Zero Configuration. Simply connect your mydlink-enabled device to the DIR-880L and the router will automatically link it to your mydlink account with no configuration required.

### Back View



### Technical Specifications

#### General

Device Interfaces	<ul style="list-style-type: none"> <li>• 802.11 a/b/g/n/ac wireless LAN</li> <li>• 10/100/1000 Gigabit WAN port</li> <li>• Four 10/100/1000 Gigabit LAN ports</li> </ul>	<ul style="list-style-type: none"> <li>• Two USB ports (one USB 3.0, one USB 2.0)</li> <li>• Reset Button</li> <li>• WPS</li> </ul>
Antennas	<ul style="list-style-type: none"> <li>• Three dual band high-gain antennas</li> </ul>	
Operating Frequency	<ul style="list-style-type: none"> <li>• 2.4 GHz band: 2400-2483.5 MHz</li> </ul>	<ul style="list-style-type: none"> <li>• 5 GHz band: 5150-5725 MHz</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power</li> <li>• Internet</li> <li>• WLAN</li> </ul>	<ul style="list-style-type: none"> <li>• LAN (for each port)</li> <li>• WPS</li> <li>• USB 2.0 &amp; USB 3.0</li> </ul>
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11g</li> <li>• IEEE 802.11b</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.11a</li> <li>• IEEE 802.3</li> <li>• IEEE 802.3u</li> </ul>
Minimum Requirements	<ul style="list-style-type: none"> <li>• Windows 7/8 or Mac OS X 10.4 or higher</li> <li>• Latest versions of Internet Explorer, Firefox or Chrome</li> </ul>	<ul style="list-style-type: none"> <li>• Ethernet interface or Wi-Fi</li> <li>• Cable or DSL Modem with an Internet connection</li> </ul>

#### Functionality

Wireless Security	<ul style="list-style-type: none"> <li>• WPA &amp; WPA2 (Wi-Fi Protected Access)</li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi Protected Setup (WPS) PIN/PBC</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• Guest zone</li> <li>• Multi-language web setup wizard</li> <li>• Green Ethernet</li> <li>• DLNA media server support</li> <li>• Advanced AC SmartBeam</li> </ul>	<ul style="list-style-type: none"> <li>• Bridge mode</li> <li>• VPN passthrough/multi-session PPTP/L2TP/IPSec</li> <li>• Advanced QoS with band steering</li> <li>• VPN server - L2TP over IPSec</li> </ul>
mydlink SharePort Features	<ul style="list-style-type: none"> <li>• Remote Access Mode: Access files through the Internet</li> <li>• Local Access Mode: Access files from any device connected to the DIR-880L</li> </ul>	<ul style="list-style-type: none"> <li>• SharePort Web File Access support (web browser)</li> <li>• Accepts USB storage drives up to 250 GB</li> </ul>

# DIR-880L Wireless AC1900 Dual Band Gigabit Cloud Router

mydlink Features	<ul style="list-style-type: none"> <li>• Remote Management</li> <li>• View current upload/download bandwidth</li> <li>• View currently connected clients</li> <li>• View web browsing history per client</li> </ul>	<ul style="list-style-type: none"> <li>• Block/unblock client network access</li> <li>• Manage wireless network details</li> <li>• Accessible through a web browser or iOS or Android mobile app</li> </ul>
Mobile App Support	<ul style="list-style-type: none"> <li>• mydlink Lite</li> <li>• mydlink SharePort</li> <li>• QRS Mobile v1.5</li> </ul>	<ul style="list-style-type: none"> <li>• Apps support iPhone®, iPad®, iPod Touch®, and Android™ devices</li> </ul>
Advanced Firewall Features	<ul style="list-style-type: none"> <li>• SPI (Stateful Packet Inspection)</li> </ul>	<ul style="list-style-type: none"> <li>• NAT (Network Address Translation)</li> </ul>
<b>Physical</b>		
Dimensions	<ul style="list-style-type: none"> <li>• Item: 9.72 x 7.5 x 1.86 inches</li> </ul>	<ul style="list-style-type: none"> <li>• Box: 11 x 9.6 x 3.47 inches</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• Item: 1.5 lbs</li> </ul>	<ul style="list-style-type: none"> <li>• Box: 1.62 lbs</li> </ul>
Power	<ul style="list-style-type: none"> <li>• DC 12V/3A</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 0% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• FCC</li> <li>• CE</li> </ul>	<ul style="list-style-type: none"> <li>• IC</li> <li>• Wi-Fi Certified</li> </ul>
<b>Order Information</b>		
<i>Part Number</i>	<i>Description</i>	
DIR-880L	Wireless AC1900 Dual Band Gigabit Cloud Router	

<sup>1</sup> Maximum wireless signal rate derived from draft IEEE 802.11ac and IEEE 802.11n 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 product from D-Link. Maximum throughput based on D-Link 802.11ac devices.

## For more information

**U.S.A.** | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | [dlink.com](http://dlink.com) **Canada** | 2525 Meadowvale Blvd | Mississauga, ON L5N 5S2 | 800.361.5265 | [dlink.ca](http://dlink.ca)

©2014 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link, the D-Link logo, Amplifi, MediaBridge, SharePort, D-Link Green, the D-Link Green Logo, Xtreme N, the D-Link RoHS logo and trademarks or registered trademarks of D-Link Corporation or its subsidiaries in the United States and/or other countries. Other trademarks or registered trademarks are the property of their respective owners. Visit [www.dlink.com](http://www.dlink.com) for more details.