

## Product Highlights

### Advanced AC SmartBeam with Gigabit Ethernet

Stream HD multimedia across your home without interruption using the fastest wired and wireless connectivity options available today

### mydlink Cloud-Enabled

Create a personal cloud to effortlessly monitor your network or cameras from any Internet connected PC or mobile device

### Easy Set Up and Installation

The QRS (Quick Router Setup) Mobile app for your tablet or smartphone allows you to set up your network without touching a computer



## DIR-880L

# Wireless AC1900 Dual Band Gigabit Cloud Router

## Features

### Connectivity

- Advanced Wireless AC beamforming dramatically enhances wireless signal strength and throughput
- 802.11 a/b/g/n/ac wireless LAN for a complete range of wireless compatibility
- Gigabit WAN and LAN ports for high-speed wired connections
- Two USB ports to connect storage drives and printers for sharing

### mydlink Cloud

- Remotely view and manage your network over the Internet
- mydlink Lite mobile app helps you access, manage and view your network remotely

### Advanced Quality of Service (QoS)

- Band steering efficiently balances the data load between the two wireless bands
- Airtime fairness optimally adjusts the data rate of wireless clients for the best performance

### Security

- WPA & WPA2 wireless encryption protects the network from intruders
- Wi-Fi Protected Setup (WPS) securely adds devices to your network at the push of a button

### Other

- New web configuration interface

The DIR-880L Wireless AC1900 Dual Band Gigabit Cloud Router lets you easily connect, control, and monitor a 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. It's 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 reliable network today and tomorrow.

## Superior Coverage and Speed with Advanced AC SmartBeam

The D-Link DIR-880L Wireless AC1900 Dual Band Gigabit Cloud Router creates a blazing fast home network that connects all of your computers and mobile devices to your broadband Internet connection. Advanced AC SmartBeam technology brings you the future of high-bandwidth wireless connectivity, vastly increasing the speed and coverage of your network. This allows you to stream HD video, make Internet calls, and surf the Internet from every corner of your home without interruption. 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 devices.

## Use mydlink to Monitor Your Network

The Wireless AC1900 Dual Band Gigabit Cloud Router is mydlink Cloud enabled, so 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 an Internet connected PC, tablet, or smartphone. Parents can monitor what sites their children are visiting, to stay informed and in control on the go.

## 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 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.

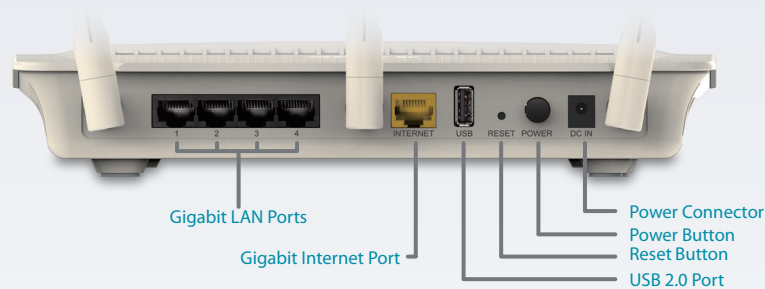
## Reliable and Efficient

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 2.4GHz 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; its band steering feature efficiently balances the data load between the two bands, while airtime fairness ensures that wireless clients are provided with the most appropriate bandwidth for their needs.

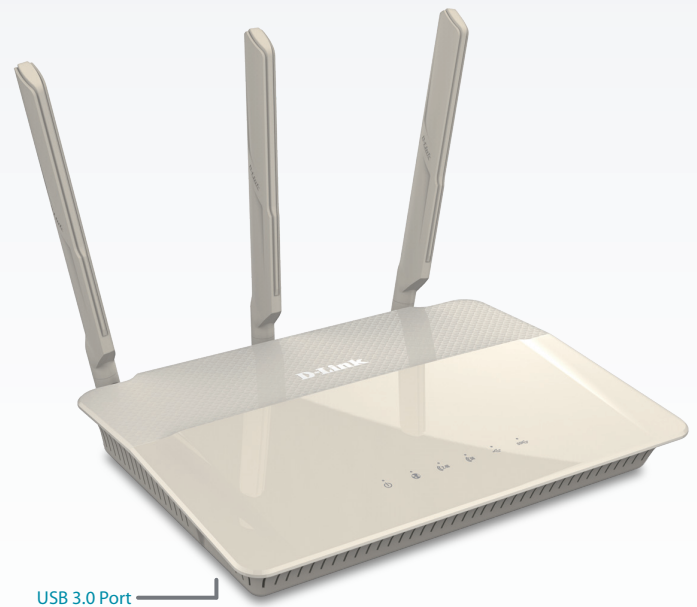
## Easy to Set Up and Use

Get the DIR-880L up and running in no time right from your couch using the QRS (Quick Router Setup) 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 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. 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.

Rear View



Side View



## Technical Specifications

### General

Device Interfaces	<ul style="list-style-type: none"> <li>• 802.11 a/b/g/n/ac wireless LAN</li> <li>• Four 10/100/1000 Gigabit LAN ports</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100/1000 Gigabit WAN port</li> <li>• Two USB ports (one USB 3.0, one USB 2.0)</li> </ul>
Antenna Type	<ul style="list-style-type: none"> <li>• Three dual-band dipole antennas</li> </ul>	
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac (draft)</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 System Requirements	<ul style="list-style-type: none"> <li>• Windows 8/7/Vista/XP SP3 / Mac OS X 10.4 or higher</li> <li>• Microsoft Internet Explorer 6 or higher, Firefox 1.5 or higher, or other Java-enabled browser</li> </ul>	<ul style="list-style-type: none"> <li>• Ethernet network interface</li> <li>• Cable or DSL modem</li> <li>• Subscription with an Internet service provider</li> </ul>

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

Functionality	
Wireless Frequency Range	• 2.4 GHz (2.4 GHz to 2.4835 GHz) 5 GHz (5.15 GHz to 5.35 GHz & 5.47 GHz to 5.85 GHz)
Maximum Transmit Output Power	• 20 dBm @2.4 GHz / 23 dBm @ 5GHz
Advanced Features	<ul style="list-style-type: none"> <li>• Guest zone</li> <li>• mydlink SharePort™ web access</li> <li>• Multi-language web setup wizard</li> <li>• Green Ethernet</li> <li>• DLNA media server support</li> <li>• Advanced AC SmartBeam</li> <li>• Bridge mode</li> </ul> <ul style="list-style-type: none"> <li>• Dual active firewall                             <ul style="list-style-type: none"> <li>• Network Address Translation (NAT)</li> <li>• Stateful Packet Inspection (SPI)</li> </ul> </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 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> </ul> <ul style="list-style-type: none"> <li>• QRS Mobile v1.5</li> </ul>
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>
Physical	
Dimensions (L x W x D)	• 246.9 x 190.4 x 47.2 mm (9.72 x 7.50 x 1.86 inches)
Weight	• 745 grams (1.62 lbs)
Power	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50/60 Hz</li> </ul> <ul style="list-style-type: none"> <li>• Output: 12 V DC, 3 A</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 Class B</li> <li>• CE Class B</li> <li>• C-Tick</li> <li>• DLNA</li> <li>• IPv6 Ready</li> </ul> <ul style="list-style-type: none"> <li>• Wi-Fi Certified</li> <li>• Wi-Fi Protected Setup (WPS)</li> <li>• Wi-Fi Multimedia (WMM)</li> <li>• Compatible with Windows 8</li> </ul>
Order Information	
<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 IEEE standard 802.11ac (draft) specifications which are subject to change. 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.

<sup>2</sup> File sharing is for local network use only

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