

## Product Highlights

### Blazing-fast Wireless AC

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

### Easy Setup and Installation

The QRS (Quick Router Setup) Mobile app for your iPhone®, iPad®, or Android™ device allows you to set up your network without touching a computer

### Total Security

Complete set of security features including an SPI firewall and Wi-Fi Protected Access to shield your network from intruders



## DIR-806

# Wireless AC1200 Dual Band Router with Signal Plus

## Features

### Connectivity

- Latest Wireless AC technology delivers maximum performance and reliability
- Dual-band technology offers flexibility and versatility depending on your connectivity needs
- 802.11 a/b/g/n/ac wireless LAN for a complete range of wireless compatibility
- 10/100 Mbps Fast Ethernet WAN and LAN ports for high-speed wired connections

### Security

- Built-in Stateful Packet Inspection (SPI) firewall protects your network from malicious attacks
- 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

### Ease of Use

- Intuitive setup wizard to speed up initial configuration
- Web-based browser setup and configuration

### Advanced Features

- QoS engine
- VPN passthrough
- IGMP proxy

The DIR-806 Wireless AC1200 Dual Band Router with Signal Plus lets you easily connect to, control, and monitor a network using the future of wireless technology, today. It's stylish, secure, easy to use, and comes IPv6-ready for a reliable network today and tomorrow.

## Smooth Streaming with Wireless AC

The D-Link DIR-806 Wireless AC1200 Dual Band Router with Signal Plus creates a blazing fast home network that connects all of your computers and mobile devices to your broadband Internet connection. Concurrent dual-band 802.11ac brings you the future of high-bandwidth wireless connectivity, providing transfer rates of up to 1.2 Gbps (900AC + 300N)<sup>1</sup>, which allows you to surf the web, stream HD video, and make VoIP calls, from every corner of your home without interruption. The DIR-806 operates on both the 2.4 GHz and 5 GHz wireless bands at the same time using concurrent dual-band technology and six 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 over the 5 GHz band.

## Fast and Reliable Home Networking

The DIR-806's 10/100 Mbps Fast Ethernet ports provide high-speed wired connections for up to four PCs or other devices. D-Link Intelligent Quality of Service (QoS) technology will prioritize important Internet traffic such as movie streaming, online gaming, or VoIP calls, improving the performance of these applications. The Wireless AC1200 Dual Band Router with Signal Plus provides a high-speed connection to other 802.11ac devices and is backward compatible with 802.11b/g/n, ensuring compatibility with a wide range of wireless devices. Furthermore, the DIR-806 is certified as IPv6 Ready, signifying that it not only supports the future IPv6 protocol, but is also compatible with IPv6 equipment from other manufacturers, so you can be assured that your equipment is forward and backward compatible.

## Easy to Set Up and Use

Get the DIR-806 up and running in no time right from your couch using the QRS (Quick Router Setup) Mobile app on your iPhone, iPad, 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. Alternatively, set up the DIR-806 in minutes using our intuitive setup wizard. The wizard will guide you through an easy-to-follow process to help you install your new hardware and successfully create your network. Wi-Fi Protected Setup (WPS) allows you to connect to the router easily, quickly, and securely, by simply pushing a button on both the router and the client device. With the DIR-806 you'll be browsing the web, making calls over the Internet, playing online games, and sharing content in no time.

## Securing Your Wireless Network

The DIR-806 includes a built-in firewall that safeguards your network, allowing you to use the Internet without worrying about harmful attacks from the outside. It minimizes the threats of hackers and prevents intruders from entering your network. The DIR-806 supports Wi-Fi Protected Access (WPA and WPA2) to keep your network traffic secure, so you have complete control over exactly who is able to access your network, and the SPI firewall protects your network from attacks and intrusions via the Internet. Whether you are shopping online, doing your banking, or accessing your personal information, the DIR-806 keeps your data and your network safe.



## 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 Mbps LAN ports</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100 Mbps WAN port</li> </ul>
Antenna Type	<ul style="list-style-type: none"> <li>• 6 external 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 7/Vista/XP SP3 or 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> <li>• CD-ROM</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>

### Functionality

Advanced Features	<ul style="list-style-type: none"> <li>• Guest Zone</li> <li>• Web file access</li> <li>• Multi-language web setup wizard</li> <li>• Green Ethernet</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> </ul>
Mobile App Support	<ul style="list-style-type: none"> <li>• QRS Mobile</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>

# DIR-806 Wireless AC1200 Dual Band Router with Signal Plus

Physical	
Dimensions	• 448.1 x 227 x 34.2 mm (17.64 x 8.94 x 1.35 inches)
Weight	• 372 grams (13.12 ounces)
Power	• Input: 12V/1 A
Temperature	• Operating: 0 to 40 °C (32 to 104 °F) • Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing • Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"><li>• FCC Class B</li><li>• CE Class B</li><li>• C-Tick</li><li>• IPv6 Ready</li><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-806	Wireless AC1200 Dual Band Router with Signal Plus

<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.

Updated 2013/09/16