

SIMULTANEOUS  
DUAL  
BAND **N**

**2** WIRELESS  
NETWORKS  
IN ONE ROUTER



## WIRELESS N DUAL BAND ROUTER

### DUAL BAND TECHNOLOGY

5 GHz frequency band for a better video streaming and gaming experience, prevents 2.4 GHz interference

### PERFORMANCE AND COMPATIBILITY

Superior performance over competing 802.11n routers, backward compatible with 802.11g and 802.11a<sup>1</sup>

### QUALITY OF SERVICE

Smart QoS prioritization technology ensures smooth streaming media and file transfers



### BENEFITS OF DUAL BAND

The D-Link® Wireless N Dual Band Router DIR-815 uses dual band technology to support 2.4 GHz & 5 GHz wireless signals at the same time. This allows you to check e-mail and browse the Internet using the 2.4 GHz band while simultaneously streaming movies and other media on the 5 GHz band. The DIR-815 is designed for home users looking for a wireless connection that can handle video streaming throughout the house, while being backward compatible with existing 802.11g and 802.11a products.

### WHY SMART QOS IS BETTER!

With some routers, all wired and wireless traffic, including Voice over IP (VoIP), video streaming, online gaming, and web browsing are mixed together into a single data stream. By handling data this way, applications such as streaming video may stutter or have an unstable connection. With the D-Link Smart QoS Prioritization Technology, wired and wireless traffic are analyzed and separated into multiple data streams. Different applications like voice, video, and data will be automatically detected and the transmission sequence will be automatically prioritized. This enables multiple applications to stream smoothly to your TV or PC.

### IPV6 READY

This router is ready for the future of the Internet with support for the upcoming move from IPv4 to IPv6. It carries the IPv6 Ready Gold Logo, signifying that it not only supports the IPv6 protocol, but is also compatible with IPv6 equipment from other manufacturers. This allows you to change to a 128-bit addressing system and directly connect to anybody in the world using your unique IP address. Using a dual-stack architecture, this router can handle routing for both IPv4 and IPv6 networks at the same time, so you can be assured that your equipment is forward and backward compatible.

### THINK GREEN

D-Link Green™ devices are about providing eco-friendly alternatives without compromising performance. They are designed to help conserve energy, protect our environment from harmful substances, and reduce waste by using recyclable packaging.

### CONSERVES ENERGY

- Includes wireless LAN scheduling, which can shut down your wireless network when not in use for further power savings
- Reduces energy consumption by using an Energy Star® qualified power adapter

### PROTECTING THE ENVIRONMENT

- Complies with the European Union's RoHS Directive that restricts the use of certain hazardous materials as well as the Energy Using Products (EuP) Directive
- Uses recyclable packaging to help reduce waste that goes into the environment

### MINIMUM SYSTEM REQUIREMENTS

- Windows® 7/Vista®/XP SP3 or Mac OS® X (v10.4)
- Microsoft Internet Explorer 6 or higher, or Firefox 1.5 or higher
- CD-ROM
- Network Interface Card
- Cable or DSL Modem
- Subscription with an Internet Service Provider (ISP)

### PACKAGE CONTENTS

- Wireless N Dual Band Router DIR-815
- 2 External Antennas
- CAT5 Ethernet Cable
- Power Adapter
- CD-ROM with Installation Wizard and Product Documentation

#### STANDARDS

- IEEE 802.11n
- IEEE 802.11b/g
- IEEE 802.11a
- IEEE 802.3
- IEEE 802.3u

#### INTERFACE TYPE

- 4 Fast Ethernet LAN ports
- 1 Fast Ethernet WAN port

#### WIRELESS FREQUENCY RANGE

- 2.4GHZ - 2.4835GHZ (802.11b/g/n)
- 5.15GHZ - 5.825GHZ (802.11a/n)<sup>3</sup>

#### TRANSMIT OUTPUT POWER

- 15dBm

#### ANTENNA TYPE

- 2 dBi external dualband antennas

#### DEVICE MANAGEMENT AND MONITORING

- Microsoft Internet Explorer 6 or higher, or Firefox 1.5 or higher
- Web-based management
- D-Link Network Monitor Yahoo! Widget
- D-Link Internet Usage Meter Yahoo! Widget

<sup>1</sup> Maximum wireless signal rate derived from IEEE Standard 802.11g, 802.11a, and 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 G product from D-Link. Maximum throughput based on D-Link's 802.11n devices.

<sup>2</sup> Computer must adhere to Microsoft's recommended System Requirements.

<sup>3</sup> MThe DIR-815 does not include 5.25-5.35GHz & 5.47-5.725GHz in some regions.

Compatibility with 802.11n devices from other manufacturers is not guaranteed. All references to speed and range are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

## TECHNICAL SPECIFICATIONS

#### SECURITY

- WPA™ & WPA2™ (Wi-Fi Protected Access)
- Wi-Fi Protected Setup™ (WPS) - PIN & PBC

#### ADVANCED FIREWALL FEATURES

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- VPN Pass-through / Multi-sessions PPTP / L2TP / IPSec

#### DIMENSIONS (W x D x H)

- 156 x 120 x 31 mm (6.1 x 4.7 x 1.2 inches)

#### WEIGHT

- 212 grams (0.5 lbs)

#### CERTIFICATIONS

- FCC Part 15 Subpart B, C, and E
- IC
- IPv6 Ready Gold
- Wi-Fi®
- CE
- C-Tick
- Compatible with Windows 7

## YOUR NETWORK SETUP



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