

SIMULTANEOUS  
DUAL  
BAND **N**

**2** WIRELESS  
NETWORKS  
IN ONE ROUTER



## WIRELESS N DUAL BAND ROUTER

5 GHz frequency band for better video streaming and gaming, prevents 2.4 GHz interferences

Superior performance over competing 802.11n routers

Smart QoS prioritization technology



### **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 like Streaming Video could pause or delay. 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 supports the future trend of moving from the current Internet Protocol IPv4 to IPv6. It carries the gold IPv6 Ready logo, signifying that it not only supports the IPv6 protocol, but is also compatible with IPv6 equipment from other manufacturers. It allows you to move 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/Vista³/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

## TECHNICAL SPECIFICATIONS

#### STANDARDS

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

#### INTERFACE TYPE

- 4 Fast Ethernet LAN Ports
- 1 Fast Ethernet WAN Port

#### ANTENNA TYPE

- 2 External Dualband Antennas

#### SECURITY

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

#### 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

#### ADVANCED FIREWALL FEATURES

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

#### CERTIFICATIONS

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

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

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

#### WEIGHT

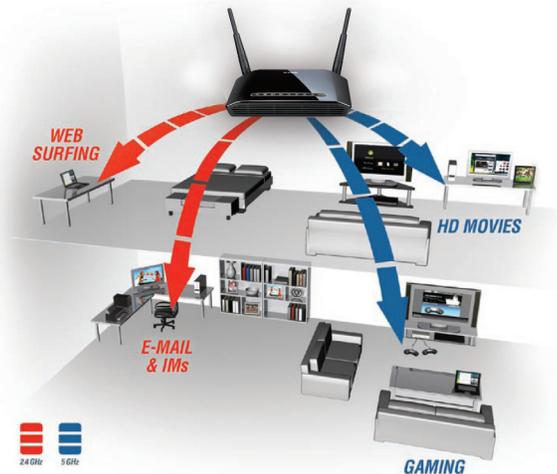
- 212 grams (0.5 lbs)

<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.

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.

## YOUR NETWORK SETUP



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