

# D-Link®

up to **6x** range<sup>1</sup>  
**14x** speed<sup>1</sup>

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.

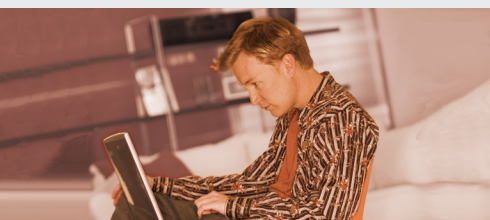


## **X**TREME N™ GIGABIT ROUTER

Superior performance over competing draft N routers

Backward compatible with 802.11g and 802.11b devices

Intelligent QoS technology



### **BEST-IN-CLASS FEATURES**

The D-Link Xtreme N™ Gigabit Router (DIR-655) is a draft 2.0 802.11n compliant device that delivers up to 14x faster speeds<sup>1</sup> and 6x farther range<sup>1</sup> than 802.11g while staying backward compatible with 802.11g and 802.11b devices. Connect the Xtreme N Gigabit Router to a cable or DSL modem and provide high-speed Internet access to multiple computers, game consoles, and media players. Create a secure wireless network to share photos, files, music, videos, printers, and network storage. Powered by Xtreme N technology and equipped with three external antennas, this router provides superior wireless coverage for larger homes and offices, or for users running bandwidth-intensive applications. The DIR-655 also includes a 4-port 10/100/1000 Gigabit switch that connects Gigabit wired devices for enjoying lag-free network gaming and faster file transfers.

### **WHY INTELLIGENT QoS IS BETTER**

With some routers, all wired and wireless traffic, including VoIP, Video Streaming, Online Gaming, and Web browsing are mixed together into a single data stream. By handling data this way, applications like video streaming could pause or delay. With D-Link's Intelligent QoS Technology, wired and wireless traffic are analyzed and separated into multiple data streams. These streams are then categorized by sensitivity to delay so applications like VoIP, Video Streaming, and Online Gaming are given priority over Web browsing. This enables multiple applications to stream smoothly to your TV or PC.

### **ADVANCED NETWORK SECURITY**

The Xtreme N Gigabit Router supports the latest wireless security features to help prevent unauthorized access, be it from over a wireless network or the Internet. Support for WEP, WPA™, and WPA2™ standards ensure that you will be able to use the best possible encryption regardless of your client devices. In addition, this Xtreme N router utilizes Dual Active Firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

Delivering best-in-class performance, network security, and coverage, the Xtreme N Gigabit Router (DIR-655) is the ideal centerpiece for your wireless network in the home or office.

WIRELESS

# N

DIR-655

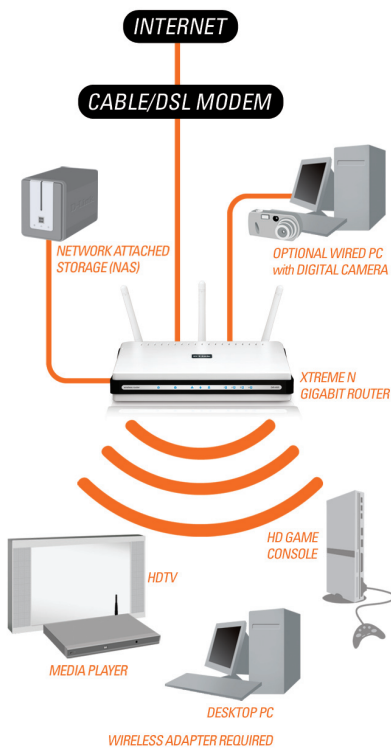
## WHAT THIS PRODUCT DOES

Create a wireless network to share high-speed Internet access with computers, game consoles, or media players from greater distances in your home or office.

## XTREME N™ ROUTER BENEFITS

- + Intelligent Wireless Prioritization Technology
- + Xtreme N technology allows for farther home coverage<sup>1</sup>
- + Secure your wireless network using advanced WEP, WPA™, or WPA2™ encryption
- + Easy to get started with D-Link's new Quick Router Setup Wizard
- + Supports Good Neighbor Policy – will not interfere with other wireless networks
- + Backward compatible with 802.11g and 802.11b devices including game consoles and digital media players

## YOUR NETWORK SETUP



### STANDARDS

- + IEEE 802.11n (draft 2.0)
- + IEEE 802.11g
- + IEEE 802.11b
- + IEEE 802.3
- + IEEE 802.3u

### INTERFACE TYPE

- + 4 Gigabit LAN Ports
- + 1 Gigabit WAN Ports
- + USB Port (for Windows® Connect Now)

### ANTENNA TYPE

3 External

### SECURITY

- + 64/128-bit WEP
- + WPA & WPA2 (Wi-Fi Protected Access)

### ADVANCED FIREWALL FEATURES

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

### DEVICE MANAGEMENT

Internet Explorer® v6 or Later; Mozilla® Firefox® v1.5 or Later; or other Java-enabled Browsers

## TECHNICAL SPECIFICATIONS

### LEDs

- + Power
- + Status
- + WAN
- + WLAN (Wireless Connection)
- + LAN (10/100/1000)
- + USB

### CERTIFICATIONS

- + FCC Class B
- + IC
- + Wi-Fi®

### DIMENSIONS

- + Item (WxDxH): 4.6" x 7.6" x 1.2"
- + Packaging (WxDxH): 8.1" x 10.9" x 2.6"

### WEIGHT

- + Item: 0.7 lbs
- + Packaging: 2.0 lbs

### WARRANTY

1-Year Limited<sup>2</sup>

## wireless family comparison

features	wireless g	rangebooster n <sup>3</sup>	xtreme n <sup>4</sup>
wireless performance <sup>1</sup>	☐	☐	☐
easy network security setup	●	●	●
support for advanced wireless network security	●	●	●
dual active firewall protection	●	●	●
Windows® Connect Now support	☐	●	●
greater wireless coverage for homes & offices	☐	●	●
intelligent QoS engine	☐	●	●
wireless prioritization technology	☐	☐	●
Gigabit Ethernet ports	☐	☐	●
recommended applications			
sharing high-speed Internet access	●	●	●
easy file sharing within the home network	●	●	●
enable steady audio & video streaming	☐	●	●
great for lag-free gaming	☐	●	●
allow jitter-free Internet phone calls (VoIP)	☐	●	●
capable of high-definition video streaming	☐	☐	●

<sup>1</sup> Maximum wireless signal rate derived from IEEE Standard 802.11g and draft 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, buildings 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 draft 802.11n devices.

<sup>2</sup> 1-Year Limited Warranty available only in Canada and the USA.

<sup>3</sup> Computer must adhere to Microsoft's recommended System Requirements.

<sup>4</sup> The software included with this product is not Mac-compatible.

<sup>5</sup> Latest software and documentation are available at <http://support.dlink.ca>.

This product is based on IEEE draft 802.11n specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11n specifications. Compatibility with draft 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.

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### RECOMMENDED SYSTEM REQUIREMENTS

- For Optimal Wireless Performance:
- + Use with Xtreme N Adapters (DWA-552, DWA-556, DWA-643, or DWA-652)

### MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
  - Windows Vista™<sup>3</sup>, Windows XP® SP2<sup>3</sup> or Mac OS® X (v10.4)<sup>4</sup>
  - Internet Explorer v6 or Mozilla Firefox v1.5
  - CD-ROM
  - Network Interface Card
- + For Internet Access
  - Cable or DSL Modem
  - Subscription with an Internet Service Provider (ISP)

### PACKAGE CONTENTS

- + Xtreme N Gigabit Router
- + 3 Detachable Antennas
- + CAT5 Ethernet Cable
- + Power Adapter
- + CD-ROM<sup>5</sup> with
  - Installation Wizard
  - Product Documentation