



## RANGEBOOSTER N™ 650 ROUTER

### TOTAL PERFORMANCE

Combines award-winning QoS Engine and the latest draft 802.11n technology for total network performance

### TOTAL SECURITY

Complete set of security features including Active Firewall and WPA/WPA2™ to protect your network

### TOTAL COVERAGE

Provides greater wireless signal rates even at farther distances for best-in-class Whole Home Coverage



### ULTIMATE PERFORMANCE

The D-Link RangeBooster N™ 650 Router DIR-635 is a draft 802.11n compliant device that delivers real world performance of up to 650% faster than an 802.11g wireless connection and faster than 100Mbps wired Ethernet<sup>1</sup>. Connect the RangeBooster N™ 650 Router to a cable or DSL modem and share your high-speed Internet access with everyone on the network. Create a secure wireless network to share photos, files, music, video, printers, and network storage throughout your home. With a built-in award-winning QoS Engine, this router provides a better Internet experience by keeping digital phone calls (VoIP) and online gaming smooth and responsive.

### EXTENDED WHOLE HOME COVERAGE

Powered by RangeBooster N 650 technology, this high performance router provides superior Whole Home Coverage while eliminating dead spots. The RangeBooster N 650 Router is designed for use in bigger homes and for users that demand higher performance networking. Add a RangeBooster N 650 notebook or desktop adapter and stay connected to your network from virtually anywhere in your home.

### TOTAL NETWORK SECURITY

The RangeBooster N 650 Router supports all of the latest wireless security features to prevent unauthorized access, be it from over the wireless network or from the Internet. Support for WPA™ and WEP standards ensure that you'll be able to use the best possible encryption, regardless of your client devices. In addition, the RangeBooster N 650 Router utilizes dual active firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

### HARD DRIVE, MULTIFUNCTION PRINTER SHARING, 3G MOBILE INTERNET CONNECTION

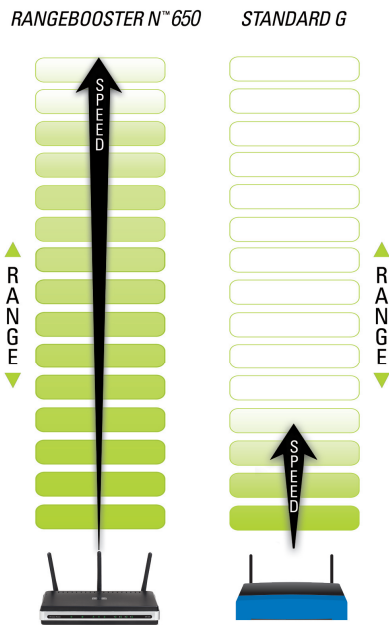
Using the SharePort™ Network USB Utility, you can connect an external hard drive or multifunction printer to the router's USB port to share disk space, printing or scanning functions among family members or a group of users. This USB port also supports 3G adapter connection, so you can connect your router to a 3G mobile service to provide Internet access to a group while travelling.

#### WHAT THIS PRODUCT DOES

Connect the D-Link RangeBooster N™ 650 Router to your cable or DSL modem and share your high-speed Internet connection with multiple computers in your home. This router creates a high-speed and completely secure wireless network to share photos, files, music, video, printers, and storage. Get a better Internet experience and extend your network coverage with the D-Link RangeBooster N 650

#### GET CONNECTED, STAY CONNECTED

Based on the latest 802.11n (draft) specifications, RangeBooster N 650 technology delivers real world performance of up to 650% faster than 802.11g and faster than a 100Mbps wired Ethernet connection<sup>1</sup>. It delivers wireless signals at farther distances for best-in-class Whole Home Coverage. Transfer files faster across your network and access the Internet from virtually anywhere in your home by adding a RangeBooster N 650 adapter to your desktop or notebook PC.



#### TECHNICAL SPECIFICATIONS

##### STANDARDS

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

##### DEVICE INTERFACES

- + 4 10/100 LAN ports
- + 1 10/100 WAN port
- + IEEE 802.11 b/g/n WLAN
- + USB 2.0

##### ANTENNAS

- + 3 detachable 2dBi dipole antennas (with RP-SMA connectors)

##### SECURITY

- + 64/128-bit WEP
- + Wi-Fi Protected Access (WPA, WPA2)
- + MAC/IP address filtering (user access control)
- + URL filtering/domain blocking/scheduling (parental control)

##### FIREWALL

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

##### QoS

- + QoS Engine for prioritizing traffic
- + Wireless Intelligent Stream Handling (WISH)

##### SharePort™ FUNCTION SUPPORT

- Allows connection of external hard drive, multifunction printer and mobile 3G adapter to USB port
- Allows sharing of HD space, printing and scanning functions\*

##### DEVICE MANAGEMENT

- + Internet Explorer v.6 or later, Mozilla Firefox v.2.0 or later, or other Java-enabled browser
- + UPnP support
- + WCN (Wireless Connect Now) support
- + DDNS (Dynamic DNS)

\* HD and multifunction equipment can only be accessed by a single user at a time

● Maximum wireless signal rate derived from IEEE standard 802.11g and draft 802.11n specifications. 802.11n speeds obtainable when operating among RangeBooster N products. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, can lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

RangeBooster N products are based on draft IEEE 802.11n specifications and are not guaranteed to be forward compatible with future versions of the IEEE 802.11n specifications. Compatibility with draft 802.11n devices from other manufacturers is not guaranteed. All references to speed 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.

##### MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
  - Pentium 3 800MHz or better processor
  - 256MB RAM or higher
  - Windows Vista, XP SP2, 2000, 2003 or Mac OS X v10.4 or higher
  - CD ROM drive
  - SharePort™ Network USB Utility

##### POWER INPUT

- + 5 VDC 3A
- + Through external power adapter

##### LEDS

- + Power
- + Status
- + WAN
- + WLAN
- + USB
- + LAN (10/100) (per port)

##### DIMENSIONS

- + 116.84 x 193.04 x 30.48 mm  
(4.6 x 7.6 x 1.2 inches)

##### WEIGHT

- + 368.3 grams (0.8 lb)

##### CERTIFICATIONS

- + FCC Class B
- + CE
- + C-Tick
- + IC
- + Wi-Fi
- + Wi-Fi Protected Setup (WPS)
- + Works with Windows Vista



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Release 05 (October 2008)