



## ADSL2/2+ MODEM WITH 4-PORT ETHERNET ROUTER

Supports the latest ADSL standards for superior performance

Access a high-speed DSL connection and share the Internet

Connect up to 4 computers or other Ethernet-enabled devices



### 2-IN-1 DEVICE

The D-Link ADSL2/2+ Modem with 4-Port Ethernet Router (DSL-2540B) is a 2-in-1 device that combines the function of a DSL modem and 4-port 10/100 Ethernet router. The DSL-2540B supports the latest ADSL2/2+ standards to provide higher performance (up to 24Mbps<sup>1</sup> downstream and 3.5Mbps<sup>1</sup> upstream) and longer reach from your Internet Service Provider's (ISP) Digital Subscriber Line Access Multiplexer (DSLAM). You can also create a wired network to share your high-speed Internet connection, documents, photos, music, videos, printers, and Network Attached Storage (NAS).

### ACCESS HIGH-SPEED INTERNET

Unlike a dial-up Internet service, a DSL Internet connection is always on so that you do not have to wait to access the Web. Setting up the DSL-2540B is simple since it automatically detects your DSL settings to quickly establish a connection to the Internet. With support for TR-067, compatibility with your ISP's infrastructure is ensured. This device also supports TR-069, which automatically updates the firmware and other settings when they become available from your ISP.

### ADVANCED NETWORKING

The DSL-2540B includes a built-in QoS engine that helps prioritize Internet traffic to enable smooth Internet phone calls (VoIP) and lag-free online gaming. In addition, this device includes Dual Active Firewalls (SPI and NAT) to help protect your network from potential attacks from across the Internet. With a built-in 4-port 10/100 Ethernet router, up to four network-ready computers or devices can simultaneously be connected to the DSL-2540B.

Whether it is for a home user who wants to share high-speed Internet access or for a small office that needs Internet access for conducting essential business activities, the DSL-2540B ADSL2/2+ Modem with 4-Port Ethernet Router (DSL-2540B) is the ideal all-in-one broadband and wired networking solution.

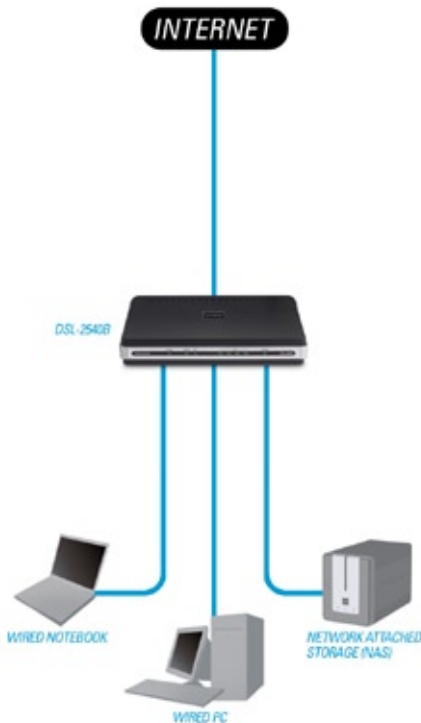
### WHAT THIS PRODUCT DOES

The D-Link ADSL2/2+ Modem with 4-Port Ethernet Router (DSL-2540B) combines the function of a high-speed DSL modem and 4-port router. With automatic scanning and detection of your DSL settings, the DSL-2540B quickly sets up your Internet connection. Easily create a wired network and share a high-speed Internet connection while allowing access to shared files, music, photos, and printers with multiple computers.

### GREATER COMPATIBILITY

This D-Link ADSL2/2+ Modem with 4-Port Ethernet Router (DSL-2540B) is TR-067 compliant, ensuring that it will work with your Internet Service Provider's (ISP) infrastructure. It is also TR-069 compliant, which automatically updates the firmware and other settings when they become available from your ISP.

### YOUR NETWORK SETUP



### TECHNICAL SPECIFICATIONS

#### DATA RATES<sup>1</sup>

- + Downstream: Up to 24Mbps
- + Upstream: Up to 3.5Mbps

#### COMPLIANCE

- + TR-067 Interop Performance
- + TR-069 Compliant with ACS

#### ADSL STANDARDS

- + Multi-mode
- + Full-rate ANSI T1.413 Issue 2
- + ITU-T G.992.1 (G.dmt) Annex A/C/I
- + ITU-T G.992.2 (G.lite) Annex A/C
- + ITU-T G.994.1 (G.hs)

#### ADSL2 STANDARDS

- + ITU-T G.992.3 (G.dmt.bis) Annex A/J/K/L/M
- + ITU-T G.992.4 (G.lite.bis) Annex A

#### ADSL2+ STANDARDS

- ITU-T G.992.5 Annex A/L/M

#### ATM/PPP PROTOCOLS

- + ATM Forum UNI3.1/4.0 PVC - Up to 8
- + PVCs
- + PPP over ATM
- + PPP over Ethernet

#### NETWORK PROTOCOLS AND FEATURES

- + Ethernet to ADSL Self-Learning Transparent Bridging
- + Internet Control Message Protocol (ICMP)
- + IP Static Routing
- + Routing Information Protocol (RIP, RIPv2)
- + Network Address Translation (NAT)
- + Virtual Server, Port Forwarding
- + NAT ALGs: MSN Messenger, FTP, CUSEEME, H323\_Q931 (Netmeeting etc.), H323\_RAS, ICQ, etc.
- + Dynamic Host Configuration Protocol (DHCP)

- + DNS Relay, DDNS
- + IGMP Proxy
- + Simple Network Time Protocol (SNTP)

#### FIREWALL

- + Built-in NAT
- + MAC Filtering
- + Packet Filtering
- + Stateful Packet Inspection (SPI)
- + Denial of Service Prevention (DoS)
- + DMZ

#### VPN

- Multiple IPSec/PPTP/L2TP Pass-through

#### QoS

- + Port-based Priority
- + 802.1p (0-7) Priority

#### CONFIGURATION AND MANAGEMENT

- + Web-based GUI Configuration
- + ADSL/ADSL2/ADSL2+ Manual Selection and Auto Fallback
- + Auto VPI/VCI Detection
- + Configuration Backup and Restore

#### PORTS

- + ADSL Port (RJ-11)
- + 4 10/100 Ethernet Port (RJ-45)

#### LEDs

- + Power
- + DSL
- + Internet
- + Status
- + LAN

#### OPERATING TEMPERATURE

- 32°F to 104°F (0°C to 40°C)

#### STORAGE

-4°F to 149°F (-20°C to 65°C)

#### HUMIDITY

5% to 95% Non-condensing

#### CERTIFICATIONS

+ FCC Class B                      + CE  
+ RoHS                                      + CSA

#### DIMENSIONS

+ Item (WxDxH): 7.6" x 5.9" x 1.3"  
+ Packaging (WxDxH): 10.8" x 8.2" x 2.7"

#### WEIGHT

+ Item: 0.7 lbs  
+ Packaging: 2.1 lbs

#### WARRANTY

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

<sup>1</sup> ADSL speeds may vary depending on your individual contract with or services offered by your Internet Service Provider (ISP) and the distance of the modem from the ISP's DSLAM.

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

<sup>3</sup> Latest software and documentation are available at <http://support.dlink.com>.

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, actual product appearance may differ than that depicted herein.

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#### MINIMUM SYSTEM REQUIREMENTS

- + Subscription with DSL Internet Service Provider
- + Computer with a Network Interface Card

#### PACKAGE CONTENTS

- + ADSL2/2+ Modem with 4-Port Router
- + Telephone Cable (RJ-11)
- + Ethernet Cable (RJ-45)
- + Power Adapter
- + Quick Installation Guide
- + CD-ROM<sup>3</sup> with:
  - Installation Wizard
  - Product Documentation
  - Special Offers