D-Link®
Building Networks for People

DSL-502G

- IP Sharing

- Firewall Security

- Plug & Play USB Installation

- Flexible Fast Ethernet or USB Connectivity

WORKS WITH WINDOWS XP

USB USB®B

FOR LAPTOPS AND DESKTOPS

DSL FORUM

24/7 TECH SUPPORT

ADSL Combo Router

D-Link, a worldwide leader in networking products, introduces the new DSL-502G, a newly designed external ADSL Router that provides the convenience of both a USB and Ethernet interface at an affordable price.

The DSL-502G uses ADSL (Asymmetric Digital Subscriber Line) technology to bring you Internet connection speeds up to 150 times faster than a 56K analog modem over a standard phone line.

Two computers can simultaneously connect to the DSL-502G through its USB and Ethernet port, to share its high-speed Internet connection. The DSL-502G can be connected to an Ethernet switch to allow more computers to share the Internet connection. With a simple to access web configuration interface, the DSL-502G can be managed by any computer on the network or even remotely with an Internet web browser.

The DSL-502G interface features G.dmt modulation for speeds of up to 8Mbps downstream and 640Kbps upstream.

G.lite is also supported, allowing 1.5Mbps downstream and 512Kbps upstream. The modem complies with G.dmt, G.lite, G.hs and T1.413 Issue 2 full-rate ADSL making it interoperable with a wide range of DSLAMs.

The DSL-502G supports Bridge RFC1483, Static IP, Dynamic IP, PPPoA, as well as PPPoE connections. IP Sharing is done through the use of Network Address Translation (NAT). NAT allows multiple computers to share an Internet connection with one public IP address, which eliminates the expense of having to purchase multiple Internet accounts.

The DSL-502G is easily upgradeable in the field, making it future-proof for both end-users and service providers.

The DSL-502G is an ideal solution for your broadband needs, whether you're a home user who requires high-speed Internet access for faster web surfing and quicker downloads, or a small business that depends on the Internet to conduct daily business.

ADSL Combo Router

DSL-502G

SPECIFICATIONS

Hardware Features
• RJ-11 port for ADSL Connection
• USB 1.1
• RS-14 Console Port
• RJ-45 port for 10BaseT Ethernet Connection

Diagnostic LEDs Indicator
• Power
• ADSL/Ethernet/USB Activity
• Network Status

Software Features
• Dynamic Learning (Up to 4096 addresses)

Management
• Web-Based Management
• Remote Management
• TFTP

Standards
• ANSI T1.413 issue 2
• ITU G.992.1 (G.dmt)
• ITU G.992.2 (G.lite)
• ITU G.994.1 (G.hs) Compliance
• RFC 2684 (formerly RFC 1483)
• PPPoE (RFC 2516)
• PPPoA (RFC 2364)
• IPoA (RFZC 1577)
• IEEE 802.1d
• IEEE 802.3
• RFC 1213 (MIB II for IP)

Router Features
• IP Packet Routing
• RIP-1, RIP-2, and Static Routing
• NAT/PAT
• DMZ and Port Redirection
• Embedded PPPoE & PPPoA
• DHCP Client and Server

Data Rates
• DMT full rate downstream (up to 8Mbps)
• DMT full rate downstream (up to 640Kbps)
• G.lite ADSL downstream (up to 1.5Mbps)
• G.lite ADSL upstream (up to 512Kbps)

USB Support
Minimum Requirements
• Windows XP, Windows 2000, Windows Me, Windows 98, Windows 98SE
• Pentium 166Mhz or faster

Ethernet Support
Minimum Requirements
• Operating System Independent (works with Windows, Linux, UNIX, and Macintosh)
• Ethernet (NIC) Network Interface Card/Port

Certifications
• FCC Part 15 Class B
• FCC Part 68
• IEC 60950
• CSA 950/US
• CE Mark
• UL 1950 3rd Ed

Power Adapter
• Output: 9V AC 1A

Dimensions
• 182mm x 142mm x 31mm (7.17in x 5.59in x 1.22in)

Weight
• 0.329 kg (11.6 oz)

DSL-502G
Internet
Computer
Desktop PC or Laptop
Computer
Desktop PC or Laptop

Share Your High-Speed Internet Connection

D-Link®
Building Networks for People