D-Link®

ADSL2/2+ COMPLIANT

——— DSL-502T

ADSL2/2+ Modem/Router for Home/SOHO
With Additional USB Port

The DSL-502T is an ADSL Router designed for home and the small office. This router lets you quickly and easily connect to high-speed broadband Internet and share your ADSL line. With a built-in ADSL interface supporting download speeds of up to 24Mbps, an additional USB port and advanced router functions, this device gives your home and business a convenient and cost-effective way to install a secure, fast network with bottleneck-free link to the outside world.

High-Speed Broadband Internet Connection
With this router, you can easily connect to your ADSL broadband line for Internet access in your office or at home. This device automatically creates an IP number and assigns for each user, simplifying everyone's logon operation.

Network Security
The router provides NAT protection for your office and home users from any Internet intruders and hackers, plus VPN pass-through for extra security. It also blocks and redirects certain ports to limit the services that outside users can access your network. Virtual server mapping is used to re-task services to multiple servers. This router can be set to allow separate FTP, Web, and Multiplayer game severs to share the same Internet-visible IP address while still protecting your servers and workstations from hackers.

DMZ Host to Open Public Domain
The router supports constricted DMZ to redirect unknown packets to a dedicated server/PC behind the router, enabling a client (such as a Web server) to fully expose it to the Internet and ensure complete Internet application compatibility. This allows you to set up web sites and e-commerce business from your office while maintaining protection for the rest of your office LAN.

Standards & Features

- High-speed Internet access
- ADSL line Internet sharing
- Built-in ADSL interface with widest range of DSLAM interoperability
- ADSL: G.992.1 G.dmt, G.992.2 G.lite, ANSI T1.413 issue 2 (full rate DMT over analog POTS) Annex A
- ADSL2: G.992.3 (G.dmt.bis) Annex A

- ADSL2+: G.992.5 Annex A
- G.994.1 G.hs auto-negotiation of different ADSL flavors
- 1 10/100BASE-TX LAN port, 1 USB 1.1 port for connection to a workstation
- Virtual Private Network (VPN) pass-through support
- DMZ and Virtual Server Mapping support
- Firewall with Stateful Packet Inspection (SPI) function
- Web-based configuration

DSL-502T

Technical Specifications

Router

LAN/Computer Interface
- RJ-45 10/100BASE-TX Fast Ethernet LAN port
- USB 1.1 port

Routed Packet Type
IP packets

Routing Protocols & Methods
- RIP v1/v2 and static routing
- Dynamic routing

DHCP Support
- DHCP server (for automatic IP assignment)
- DHCP Client

Security
- VPN support: PPTP/L2TP/IPSec pass-through
- Network Address/Port translation (NAPT)
- Authentication: PAP and CHAP
- DoS (UDP/TCP), detection of known attacks
- SPI firewall
- Web login password authentication

Configuration & Network Management
- HTTP server for web-based management
- Remote management through Telnet or HTTP
- System logs
- Support UPnP 1.0
- Configuration backup and restore
- Factory reset

Statistics Monitoring
Ethernet, ATM and ADSL statistics

Diagnostic LEDs
- Power
- Status
- ADSL Link/Act
- Ethernet Link/Act
- USB Link/Act

Built-in ADSL Modem

Standards
- ADSL standards: ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt) Annex A,
  ITU G.992.2 (G.lite) Annex A
- ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex A, ITU G.992.4
  (G.lite.bis) Annex A
- ADSL2+ standards: ITU G.992.5 Annex A
- Auto-handshake: ITU G.994.1 (G.hs)

Data Rates
- G.dmt: upto 8Mbps downstream, upto 832Kbps upstream
- G.lite: upto 1.5Mbps downstream, upto 512Kbps upstream
- ADSL2: upto 12Mbps downstream, upto 1Mbps upstream
- ADSL2+: upto 24Mbps downstream, upto 1Mbps upstream

ATM/ADSL
- ATM signaling ATM Forum UNI3.1/4.0
- OAM support F4/F5 Loopback
- ATM traffic Shaping: UBR, CBR, VBR

Bridged/PPP Support
- Bridged Ethernet over ATM
- Classical IP over ATM
- PPP over ATM
- PPP over Ethernet

Physical & Environmental

Power Input
Through 9VAC 1A external power adapter

Dimensions
142 x 117 x 31 mm

Weight
202 grams

Operating Temperature
0° to 40 °C

Storage Temperature
-20° to 70 °C

Operating Humidity
5% to 95% non-condensing

Emission (EMC/EMI)
- FCC Part 15 Class B
- CE Class B (EN55022)

Safety
CSA International (CSA950, EN60950, IEC60950, UL1950)

Ordering Information

ADSL Router	
DSL-502T	1 RJ-11 ADSL port
	1 RJ-45 10/100BASE-TX LAN port
	1 USB 1.1 port

To select the router with built-in ADSL modem that works best with your service provider, please consult your nearest D-Link representative or distributor/reseller.

D-Link®

D-Link Australia Pty. Ltd.
1 Giffnock Avenue North Ryde NSW 2113

Australia Sales Phone: 1300-700-100
Australia Support Phone: 1300-766-868
www.dlink.com.au

New Zealand Sales Phone: 09-356-2158
New Zealand Support Phone: 0800-900-900
www.dlink.co.nz

Specifications are subject to changes without notice.