



ADSL Router for Home/SOHO

The DSL-500T 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 up to 24Mbps download speed, plus 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 servers 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.

Functions & Standards

- High-speed Internet access
- ADSL/ADSL2/2+ 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 Annex A
- ADSL2+: G992.5 Annex A
- G.994.1 G.hs auto-negotiation of different ADSL flavors
- Virtual Private Network (VPN) pass-through support
- DMZ and Virtual Server Mapping support
- Firewall with Stateful Packet Inspection (SPI) function
- Web-based configuration

DSL-500T

Technical Specifications

ADSL Router

Router

LAN/Computer Interface

- 1 RJ-11 ADSL port
- 1 RJ-45 10/100BASE-TX Fast Ethernet LAN 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 protection
- Web login password authentication

Configuration and network Management

- HTTP server for web-based management
- TFTP for firmware upgrade
- 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

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

ATM/ADSL

- ATM signaling: UNI3.0, 3.1 and 4.0
- 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

200 grams

Operating Temperature

0° to 40 °C

Storage Temperature

-20° to 70 °C

Operating Humidity

5% to 95% non-condensing

Emission (EMC/EMI)

- FCC Class B
- CE Class B

Safety

CSA International (CSA950, EN60950, IEC60950, UL1950)



Ordering Information

ADSL Router	
DSL-500T	1 RJ-11 ADSL port 1 RJ-45 10/100BASE-TX LAN 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®

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Finland	TEL: 358-9-2707 5080	FAX: 358-9-2707-5081
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Portugal	TEL: 351-21-8688493	
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Switzerland	TEL: 41-(0)-1-832-11-00	FAX: 41(0)-1-832-11-01
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Luxemburg	TEL: 32-(0)2-517-7111	FAX: 32-(0)2-517-6500
Poland	TEL: 48-(0)-22-583-92-75	FAX: 48-(0)-22-583-92-76
Hungary	TEL: 36-(0)-1-461-30-00	FAX: 36-(0)-1-461-30-09
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
India	TEL: 91-022-26526696	FAX: 91-022-26528914
Middle East (Dubai)	TEL: 971-4-3916480	FAX: 971-4-3908881
Turkey	TEL: 90-212-289-56-59	FAX: 90-212-289-76-06
Egypt	TEL: 202-414-4295	FAX: 202-415-6704
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