



## ADSL2+ 4-PORT ROUTER

### HIGH-SPEED ADSL2/2+ INTERNET CONNECTION

Latest ADSL2/2+ standards provide Internet transmission of up to 24Mbps downstream, 1Mbps upstream

### SECURITY PROTECTION

Stateful Packet Inspection (SPI) and Denial of Service (DoS) attack prevention provide firewall protection from Internet attacks

### QUALITY OF SERVICE (QoS)

Multiple Diffserv priority queues for smooth VoIP traffic/streaming multimedia

### ULTIMATE INTERNET CONNECTION

The DSL-2540T 4-port ADSL router is an affordable high-performance ADSL router for home and the small office. With integrated ADSL2/2+ supporting up to 24Mbps download speed, firewall protection, Quality of Service (QoS) and built-in 4-port switch, this router provides all the essentials that a home or small office needs to establish a secure and high-speed remote link to the outside world.

### AFFORDABLE HIGH-SPEED CONNECTION FOR HOME & SMALL OFFICE

Designed as a very affordable high-performance ADSL router for home and SOHO users, the DSL-2540T provides not only the low-cost, high-speed Internet connection, but also the security and Quality of Service (QoS) required by users in today's high-risk and versatile Internet environments.

### FIREWALL PROTECTION & QoS

Security feature prevents unauthorized access to the home and office network from Internet intruders. The router provides firewall security using Stateful Packet Inspection (SPI) and hacker attack logging for Denial of Service (DoS) attack protection. SPI inspects the contents of all incoming packet headers before deciding what packets are allowed to pass through. Router access control is provided with packet filtering based on port and source/destination MAC/IP addresses. For Quality of Service (QoS), the router supports multiple priority queues to enable a group of home or office users to experience the benefit of smooth network connection of inbound and outbound data without concern of traffic congestion. This QoS support allows users to enjoy high ADSL transmission for applications such as VoIP, streaming multimedia and on-line games over the Internet.

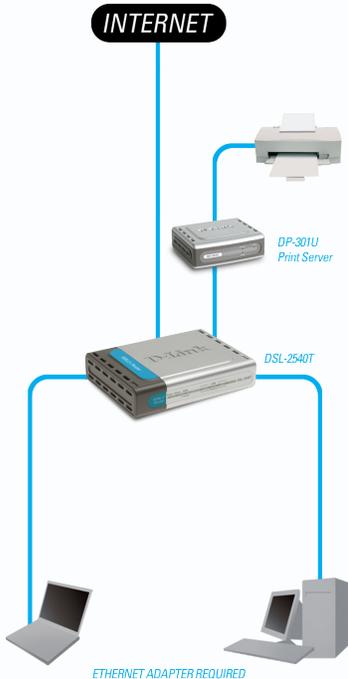
#### WHAT THIS PRODUCT DOES

This 4-port ADSL router connects to the Internet using an integrated high-speed ADSL2/2+ interface. Multiple computers at home or the office can share the high-speed Internet connection. The router provides firewall protection and QoS for secure and smooth on-line games, voice communication and download of photos, files, music and video over the Internet. 4 built-in LAN ports provide ready connection to 4 computers through the Ethernet cables.

#### GET HIGH-SPEED ADSL SPEED

Ready ADSL connection with up to 24Mbps downstream and 1Mbps upstream. Watch TV, listen to live music and broadcast on the Internet, play games and experience clear Internet phone calls. Now, smooth streaming multimedia and VoIP voice are possible at home and in the office through a simple connection to this router.

#### YOUR NETWORK SETUP



RJ-11 ADSL Port  
To Phone Line

4 RJ-45  
10/100 BASE-TX Ethernet Ports  
To Computers, Print Server, Wireless AP

Power Socket  
To Power Adapter

### TECHNICAL SPECIFICATIONS

#### DEVICE INTERFACES

- + RJ-11 ADSL port
- + 4 RJ-45 10/100BASE-TX Ethernet ports with auto MDI/MDIX
- + Factory reset button

#### ADSL STANDARDS

- + ADSL standards: Multi-mode, ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt) Annex A, ITU G.992.2 (G.lite) Annex A, ITU G.994.1 (G.hs)
- + ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex A/L/M, ITU G.992.4 (G.lite.bis) Annex A
- + ADSL2+ standards: ITU G.992.5 Annex A/L/M

#### ADSL 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 & PPP PROTOCOLS

- + ATM Adaptation Layer Type 5 (AAL5)
- + Bridged or routed Ethernet encapsulation
- + VC and LLC based multiplexing
- + PPP over Ethernet (PPPoE)
- + PPP over ATM (RFC 2364)
- + Classical IP over ATM (RFC 1577)
- + OAM F4/F5

#### ROUTER FEATURES & NETWORK PROTOCOLS

- + NAT, Static Routing, RIP v1, v2
- + Universal Plug and Play (UPnP) Compliant
- + Dynamic Domain Name System (DDNS)
- + Virtual Server & DMZ
- + SNMP, DNS proxy and IGMP proxy

#### FIREWALL/ACCESS SECURITY

- + Built-in NAT firewall
- + Stateful Packet Inspection (SPI)
- + DoS attacks prevention (IP Spoofing, Land Attack, Smurf Attack, Ping of Death, TCP SYN flooding)
- + Packet filtering based on port, source IP address, destination IP address, MAC address (ICMP/TCP/UDP)

#### VIRTUAL PRIVATE NETWORK (VPN)

- + PPTP/IPSec pass-through

#### CONFIGURATION/MANAGEMENT

- + Quick installation wizard
- + Web-based GUI for remote/local management
- + Firmware upgrade, configuration data upload/download via Web-based GUI
- + Telnet server for remote/local management
- + Syslog monitoring
- + SNMP v1, v2c support with built-in MIB-II (RFC 1213)
- + Remote management TR-069 (optional)
- + DHCP server/client/relay

#### QoS CONTROL

- + LAN to WAN traffic prioritization/bandwidth management
- + 802.1p traffic prioritization (4 queues)

#### SECURITY/BANDWIDTH MANAGEMENT

- + IGMP Snooping with 32 Multicast groups
- + PVC/VLAN port mapping (4 VLANs)
- + Bandwidth management based-on IP protocol, port number, MAC address

#### POWER INPUT

Through 12VAC 1.2A external power adapter

#### DIMENSIONS

142 x 109 x 31 mm  
(5.59 x 4.29 x 1.22 inches)

#### WEIGHT

235.8 grams (0.52 lb)

#### OPERATING TEMPERATURE

0° to 40° C (32° to 104° F)

#### STORAGE TEMPERATURE

-20° to 70° C (-4° to 158° F)

#### OPERATING HUMIDITY

5% to 95% non-condensing

#### EMISSION (EMC/EMI)

- + FCC Part 15 Class B
- + CE (EN55022/EN55024/EN300 328/EN301 489)

#### Safety

- + CSA
- + LVD

#### D-Link Worldwide Offices

U.S.A.	TEL: 1-800-326-1688	FAX: 1-866-743-4905	Spain	TEL: 34-93-4090770	FAX: 34-93-4910795	Turkey	TEL: 90-312-473-40-55	FAX: 90-312-473-40-58
Canada	TEL: 1-905-8295023	FAX: 1-905-8295223	Portugal	TEL: 351-21-8688493		Egypt	TEL: 202-291-9035	FAX: 202-291-9051
Europe (U. K.)	TEL: 44-20-8955-9000	FAX: 44-20-8955-9001	Czech Republic	TEL: 420-(603)-276-589		Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300	Switzerland	TEL: 41-(0)-1-832-11-00	FAX: 41(0)-1-832-11-01	LatinAmerica	TEL: 56-2-232-3185	FAX: 56-2-232-0923
France	TEL: 33-1-30238688	FAX: 33-1-30238689	Greece	TEL: 30-210-9914 512	FAX: 30-210-9916902	Brazil	TEL: 55-11-218-53000	FAX: 55-11-218-53222
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331	Luxemburg	TEL: 32-(0)2-517-7111	FAX: 32-(0)2-517-6500	South Africa	TEL: 27-12-665-2165	FAX: 27-12-665-2186
Belgium	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	Russia	TEL: 7-495-744-0099	FAX: 7-495-744-0099 #350
Italy	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723	Hungary	TEL: 36-(0)-1-461-30-00	FAX: 36-(0)-1-461-30-09	Japan	TEL: 81-3-5781-0963	FAX: 81-3-5781-0965
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901	Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322	China	TEL: 86-10-58635800	FAX: 86-10-58635799
Denmark	TEL: 45-43-969040	FAX: 45-43-424347	Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868	Taiwan	TEL: 886-2-6600-0123	FAX: 886-2-6600-8168
Norway	TEL: 47-99-300-100	FAX: 47-22-309580	India	TEL: 91-022-2652696	FAX: 91-022-26528914	Headquarters	TEL: 886-2-6600-0123	FAX: 886-2-6600-9898
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081	Middle East (Dubai)	TEL: 971-4-3916480	FAX: 971-4-3908881			

