



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.

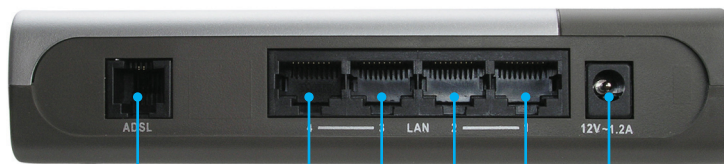
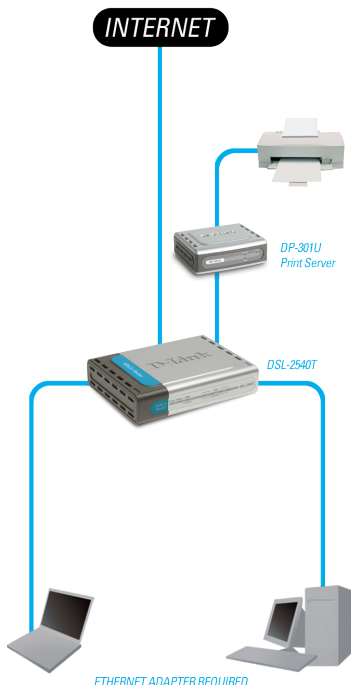
WHAT THIS PRODUCT DOES

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

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