DSL-2540U
ADSL2/2+ 4-PORT ROUTER

HIGH-SPEED ADSL2/2+ INTERNET CONNECTION
Latest ADSL2/2+ standards provide Internet transmission of up to 24Mbps downstream, 1Mbps upstream

ALL-IN-ONE SINGLE BOX SOLUTION
Built-in ADSL interface, 4-port Ethernet Switch, QoS and Firewall protection, all in one single desktop box

TOTAL COMPATIBILITY & EASE OF USE
Works with all major Internet Service Providers, supports UPnP, easily installable by home and office users

ULTIMATE INTERNET CONNECTION
The DSL-2540U 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 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-2540U 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.

INTEGRATED 4-PORT SWITCH
The DSL-2540U provides an integrated 4-port Ethernet switch for ready computer connection. With 4 built-in 10/100BASE-TX LAN ports, this router save you the cost and trouble of installing a separate Ethernet switch for home and office users to share the Internet broadband line.

FIREWALL PROTECTION & QoS
Security features 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.

DSL-2540U

WHAT THIS PRODUCT DOES

This 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. Built-in 4 Ethernet LAN ports provide ready connection for4 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.

TECHNICAL SPECIFICATIONS

Device Interfaces
- 1 RJ-11 ADSL port
- 4 RJ-45 10/100BASE-TX Fast Ethernet LAN switch ports with auto MDI/MDIX

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

ATM/PPP Protocols
- Multiple protocol encapsulation over AAL5
- Bridged and routed Ethernet encapsulation
- Logical Link Control (LLC) encapsulation &
  VC-based multiplexing
- ATM Forum UNI3.1/4.0 PVC
- ATM Adaptation Layer Type 5 (AAL5)
- ITU-T I.610 OAM F4/F5 loopback
- ATM QoS (Traffic Shaping)
- PPP over ATM
- PPP over Ethernet

Network Protocols and Features
- IP Static Routing
- RIP
- NAT
- Virtual Server & Port Forwarding
- DHCP server/client/relay
- DNS Relay, DDNS
- IGMP proxy
- SNTP

Firewall/Access Security
- NAT firewall
- MAC Filtering
- Packet Filtering (IP/ICMP/TCP/UDP)
- Stateful Packet Inspection (SPI)
- Denial of Service (DoS) prevention
- Intrusion Detection System and logging
- DMZ

VPN
Multiple IPSec/PPTP/L2TP pass-through

QoS
- Traffic Prioritization/Classification based on:
  Physical port
  802.1p Priority Queues
  Application port
  User-defined (TCP/UDP/ICMP etc.)
- 3 priority queues per PVC
- PVC/VLAN port mapping
- IGMP v.2 snooping

Configuration/Management
- Quick Installation Wizard
- Web-based GUI
- Web-based/TFTP firmware upgrade, configuration up/download
- UPnP
- SNMP v1, v2c, built-in MIB-I, MIB-II agent
- TR-069 compliant (optional)

Power
- Power input: through 15VAC/0.7A or 12VDC/1A external power adapter
- Power ON/OFF switch
- Dying Gasp support
- Factory reset button

Dimensions
196 mm (L) x 121 mm (W) x 32 mm (H) (7.72 x 4.76 x 1.26 inches)

Weight
308 grams (0.68 lb)

Operation Temperature
0 to 40 C (32 to 104 F)

Storage Temperature
-20 to 65 C (-4 to 149 F)

Humidity
5% to 95% non-condensing

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

Safety
- CSA
- LVD
- RoHS compliant