The DSL-2640T wireless ADSL router is a versatile, high-speed remote router for home and the small office. With integrated ADSL2/ADSL2+ supporting up to 24Mbps download speed, firewall protection, Quality of Service (QoS), 802.11g wireless LAN and 4 Ethernet switch ports, this router provides all the functions that a home or small office needs to establish a secure and high-speed remote link to the outside world.

**High-Speed ADSL Connection.** The DSL-2640T features the latest ADSL2/ADSL2+ standards, providing speeds of up to 24Mbps downstream and 1Mbps upstream (ADSL2+), or 12Mbps downstream and 1Mbps upstream (ADSL2). This router auto-senses the connection type and auto-negotiates the best modulation scheme, using the G.hs (handshake) protocol.

**Ready Wireless LAN & Ethernet Connection for Workgroup.** The DSL-2640T provides an integrated 802.11g WLAN interface supporting wireless speeds of up to 54Mbps and interoperability with 802.11b wireless devices on the 2.4GHz frequency band. It also provides four 10/100Mbps Ethernet switch ports for ready workstations connection. These built-in functions save you the cost and trouble of installing a separate wireless access point and an Ethernet switch.

**Firewall Protection.** 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. Access control is provided with packet filtering based on port and source/destination MAC/IP addresses. With Virtual Server Mapping, the router can be set to allow separate FTP, Web, and multiple games to share the same Internet-visible IP address while still protecting your servers and workstations from hackers. You can configure any of the built-in LAN ports of the router to function as a DMZ port. VPN pass-through is provided to let mobile users access files and mail from offices to work at home without having to use complex VPN client software.

**Quality of Service Features.** The DSL-2640T supports 4 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 you to enjoy high ADSL transmission for applications such as VoIP, multimedia and on-line games over the Internet.
### Technical Specifications

#### Hardware

**Interfaces**
- 1 RU-11 ADSL port
- 4 RJ-45 10/100BASE-TX Fast Ethernet LAN switch ports with auto MDI/MDIX
- Built-in WLAN
- Factory reset button

**Wireless LAN**
- IEEE 802.11g standard
- Wireless speed: up to 54Mbps
- Frequency range: 2.4 GHz to 2.484 GHz
- 64/128 bits WEP data encryption
- WPA (Wi-Fi Protected Access), WPA2 security
- Point-to-Point and Point-to-Multi-point
- Wireless Bridging
- 802.11e Wireless QoS (WMM/WME)

**ADSL Standards**
- 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

**Data Rates**
- G.dmt: 8Mbps downstream, 3.2Mbps 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**

**Network Protocols & Features**
- NAT, Static Routing, RIP, v1, v2
- Universal Plug and Play (UPnP)
- Dynamic Domain Name System (DDNS)
- Virtual Server & DMZ
- SNTP, 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)

**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

#### 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

**Telnet server for remote/local management**
**Syslog monitoring**
**SNMP v1, v2 support with built-in MIB-II (RFC 1213)**
**DMCP server/client/relay**

#### Power Input
- Through 12VAC 1.2A external power adapter

#### Dimensions
- 142 x 109 x 31 mm

#### Weight
- 239.4 grams

#### Operating Temperature
- 0° to 40°C

#### Power Input
- Through 12VAC 1.2A external power adapter

#### Storage Temperature
- -20° to 70°C

#### Operating Humidity
- 5% to 95% non-condensing

#### Emission (EMC/EMI)
- FCC Part 15 Class B
- CE (EN50022/EN50024/EN300 328/EN301 489)

#### D-Link Worldwide Offices

<table>
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<tr>
<th>Country</th>
<th>Office Address</th>
<th>Phone</th>
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<td>[PHONE] 1-905-8295033</td>
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<tr>
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**Bulgaria**
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**Iran**
**Pakistan**
**Israel**
**Latin America**

**Safety**
- CSA
- UL

**Wi-Fi Certification**
- CE (EN50022/EN50024/EN300 328/EN301 489)

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**Physical & Environmental**

**Power Input**
- Through 12VAC 1.2A external power adapter

**Dimensions**
- 142 x 109 x 31 mm

**Weight**
- 239.4 grams

**Operating Temperature**
- 0° to 40°C

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**Specifications subject to change without prior notice.**

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