

- Built-in 54 Mbps Wireless & 4-port Ethernet Switch
- Built-in ADSL2/2+ Modem with Firewall protection
- Quality of Service (QoS) for VoIP/streaming multimedia
- Easy setup wizard for step-by-step installation



DESIGNED FOR
**ADSL
ADSL2/2+**



FEATURES

- ADSL2: up to 12Mbps down²
- ADSL2+: up to 24Mbps down²
- 4 Port Fast Ethernet & 802.11g Wireless connectivity
- Quality of Service (QoS)
- Supports WPA/WPA2 Security
- Secure NAT/DHCP Functions
- Telstra Approved
- Supports all major ISP'S
- 3 Years Warranty

DESCRIPTION

The DSL-G604T Wireless G ADSL2/2+ Modem Router is a versatile, high-speed remote router for home and the small office. With integrated ADSL2/2+ 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.

KEY BENEFITS

WIRELESS LAN & ETHERNET CONNECTIONS

The DSL-G604T 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 (QoS)

The DSL-G604T 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 speeds for applications such as VoIP, multimedia and on-line games over the Internet.

WHAT IT DOES

This ADSL Modem Router connects to the Internet using an integrated high-speed ADSL2/2+ interface. Connecting to this router via an Ethernet port or wireless card on your computer at home or in the office will allow you to 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.

GET A HIGH-SPEED INTERNET CONNECTION

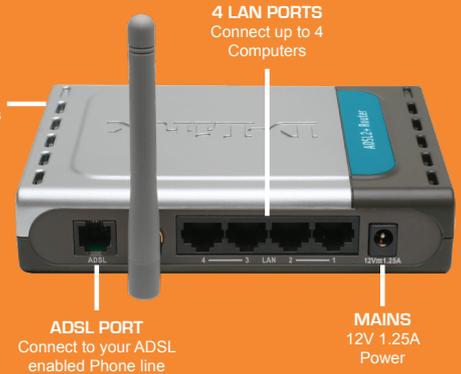
The DSL-G604T features the latest ADSL2/2+ standards, providing speeds of up to 24Mbps downstream and 1Mbps upstream (ADSL2+), or 12Mbps downstream and 1Mbps upstream (ADSL2). This router auto-senses the connection type and auto-negotiates the best modulation scheme, using the G.hs (handshake) protocol.

SET UP A NETWORK AND CONNECT TO THE INTERNET



Desktops can connect via 4 Fast Ethernet LAN ports

Follow the CD to create a wireless network and connect to the Internet



RESET
Restore Settings

4 LAN PORTS
Connect up to 4 Computers

ADSL PORT
Connect to your ADSL enabled Phone line

MAINS
12V 1.25A Power

TECHNICAL SPECIFICATIONS

HARDWARE

INTERFACES

- + 1 RJ-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
- + 802.11e Wireless QoS (WMM/WME)

ADSL

STANDARDS

- + ADSL standards: Multi-mode, ANSI T.1413 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

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

NETWORK PROTOCOLS AND FEATURES

- + NAT, Static Routing, RIP v.1, v.2
- + Universal Plug and Play (UPnP) Compliant
- + 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)

VIRTUAL PRIVATE NETWORK (VPN)

- + PPTP/IPSec pass-through

CONFIGURATION/MANAGEMENT

- + D-Link Click and Connect Setup Wizard
- + 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 v.1, v.2c support with built-in MIB-II (RFC 1213)
- + DHCP server/client/relay

QUALITY OF SERVICE (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

PHYSICAL AND ENVIRONMENTAL

POWER INPUT

12VAC 1.25A external power adapter (with dying gasp)

DIMENSIONS

142 x 117 x 31 mm

WEIGHT

239.4 grams

OPERATING TEMPERATURE

0° to 40°C

STORAGE TEMPERATURE

-20° to 70°C

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

WIRELESS CERTIFICATION

- + WiFi

WARRANTY

- + 3-Year Limited Warranty available only in Australia and New Zealand

¹ Computer must adhere to Microsoft's recommended System Requirements. The software included with this product is not Mac-compatible.

² This unit complies with ADSL standards worldwide. It supports a basic downstream rate of 8Mbps with ADSL and is capable of up to 12/24Mbps with ADSL2/2+ with an upstream of 1Mbps. ADSL speeds may vary depending on the individual contract with an Internet Service Provider and the distance of the unit from the ISP's DSLAM.

Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

D-Link Corporation declares that this wireless LAN device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the packaging. See inside package for warranty details.

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