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D-Link DSL-G664T Wireless ADSL Router

D-Link DSL-G664T Wireless ADSL Router Specifications And Datasheet

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D-Link DSL-G664T Wireless ADSL Router

Description

With Built-in 802.11g Wireless LAN & 4-Port Switch
The DSL-G664T is an ADSL Router designed for office use. This router lets you quickly and easily connect to high-speed broadband Internet and share your ADSL line. With a built-in ADSL interface, 802.11g high-speed wireless LAN, 4 10/100BASE-TX Ethernet switch ports and advanced router functions, this device gives your business a convenient and cost-effective way to install a secure, fast network with a bottleneck-free link to the outside world.

- **Simplified Broadband Internet Connection**

  With this router, you can easily connect to your ADSL broadband line for Internet access in your office or at home. This device automatically creates an IP number and assigns to each user, simplifying everyone's logon operation.

- **Built-in ADSL Interface and Ethernet Switch Ports**

  A standard-based ADSL modem in built into this router, making connection to the Internet a breeze. The router also incorporates four 10/100Mbps Ethernet switch ports, providing ready connection for workstations and servers, while saving you the cost and trouble of installing a separate Ethernet switch.

- **Built-in High-Speed Wireless LAN**

  The router also provides the latest standard 802.11g high-speed wireless LAN for ready connection to wireless users. With speeds up to 54Mbps and real throughput up to 8 times faster than that of 802.11b, the new wireless LAN provides the performance necessary for bandwidth-intensive applications. In addition, it is also compatible with existing 802.11b and 802.11b+, providing you with the ability to communicate with all wireless devices within the 2.4GHz frequency band.

- **Network Security**

  The router provides NAT protection for your office and home users from any Internet intruders and hackers, plus a VPN pass-through for extra security. It also blocks and redirects certain ports to limit the services that outside users can access your network. Virtual server mapping is used to re-task services to multiple servers. This router can be set to allow separate FTP, Web, and Multiplayer game servers to share the same Internet-visible IP address while still protecting your servers and workstations from hackers.

- **DMZ Host to Open Public Domain**

  The router supports constricted DMZ to redirect unknown packets to a dedicated server/PC behind the router, enabling a client (such as a Web server) to fully expose it to the Internet and ensure complete Internet application compatibility. This allows you to set up web sites and e-commerce businesses from your office while maintaining protection for the rest of your office LAN.

Standards & Features

- High-speed Internet access
- Built-in ADSL interface with the widest range of DSLAM interoperability
- ADSL (ANSI T1.413 issue 2, G.dmt Annex B, G.lite Annex B) compliant
- UR-2 standard compatible
- Built-in 4 10/100BASE-TX Fast Ethernet switch ports Built-in high-speed 802.11g wireless LAN
- Virtual Private Network (VPN) pass-through support
- DMZ and Virtual Server Mapping support
- Web-based configuration

Technical Specifications

Router

- Built-in ADSL Modem
- Built-in Wireless LAN

Interface

- 1 RJ-11 ADSL port
- 4 RJ-45 10/100BASE-TX Fast Ethernet LAN switch ports with auto MDI/MDIX
- 802.11g wireless LAN (backward 802.11b compatible)

Routed Packet Type

- IP packets

Routing Protocols & Methods

- RIP v1/v2 and static routing
- Dynamic routing

DHCP Support

- DHCP server (for automatic IP assignment)
- DHCP Client
- DHCP Relay

Security

- **VPN support:** PPTP/L2TP/IPSec pass-through
- Network Address/Port translation (NAPT)
- **Authentication:** PAP and CHAP
- DoS (UDP/TCP), detection of known attacks
- ID password authentication

Configuration & Network Management

- HTTP server for web-based management
- TFTP for firmware upgrade
- Remote management through telnet or HTTP
- System logs
- Support UPnP 1.0
- Configuration backup and restore
- Factory reset

Statistics Monitoring

- Ethernet, ATM, and ADSL statistics

Diagnostic LEDs

- Power
- Status (system)
- ADSL Link/Act
- Ethernet Link/Act
- WLAN

WAN ADSL Line Interface

- Compliant with G.dmt (ITU G.992.1) Annex B over PSTN line
- Compliant with G.lite (ITU G.992.2) Annex B over PSTN line
- Compliant with ANSI T1.413 issue 2
- **Connector:** RJ-11

Data Rate (ADSL Standards)

- **T1.413/G.dmt, downstream:** up to 8Mbps
- **upstream:** up to 1Mbps G.lite
- **downstream:** up to 1.5Mbps
- **upstream:** up to 512 Kbps

Performance

- Passed DSL Forum TR-048 Performance Criteria (ETSI, UR-2)

ATM/ADSL

- **ATM signaling:** UNI3.0, 3.1, and 4.0
- **ATM traffic shaping:** UBR, CBR, VBR

Bridged/PPP Support

- Bridged Ethernet over ATM
- Classical IP over ATM
- PPP over ATM
- PPP over Ethernet

Wireless LAN Standards

- 802.11b, 802.11b+
- 802.11g

Data Rates

- **802.11g:** up to 54Mbps (6/9/12/18/24/36/48/54Mbps)
- **802.11b+:** up to 22Mbps
- **802.11b:** up to 11Mbps (1/2/5.5/11Mbps)
- Auto-switch to select 802.11g or 802.11b mode
- Data rate auto fall-back under noisy environment or longer range distance

Transmission Technology

- DSSS

RF Frequency Range

- 2.4 to 2.4835GHz

Operating Channels

- 1 to 11 channels (North America)
- 1 to 13 channels (General Europe)

Data Modulation Type

- **802.11g:** BPSK, QPSK, 16-QAM, 64-QAM, OFDM
- **802.11b, 802.11b+:** DBPSK, DQPSK, DSSS, CCK, PBCC

Antennas

- 1 detachable external dipole antenna, 2dBi Gain (reverse SMA connector)

Transmit Output Power

- **802.11g:** 13dBm (typical)
- **802.11b:** 16dBm (typical)

Receive Sensitivity (for 802.11b) (typically @ 8% PER)

- **11Mbps:** -84dBm
- **2Mbps:** -90 dBm

Receive Sensitivity (for 802.11g) (typically @ 8% PER)

- **54Mbps:** -66 dBm
- **48Mbps:** -70 dBm
- **36Mbps:** -76 dBm
- **24Mbps:** -79 dBm
- **18Mbps:** -83 dBm
- **12Mbps:** -85 dBm
- **9Mbps:** -86 dBm
- **6Mbps:** -86 dBm

Operating Range

- **Indoors:** 100 meters
- **Outdoors:** 300 meters
  Environmental factors may adversely affect the range.

Wireless LAN Security

- WEP 64/128/256-bit data encryption (user-selectable)
- Wi-FiTM WPA

Physical & Environmental

- **Power Input:** Through 12VAC 1.2A external power adapter
- **Dimensions:** 180 x 141 x 30 mm (device only)
- **Weight:** 380 grams (device only)
- **Operating Temperature:** 0o to 40 oC
- **Storage Temperature:** -20o to 70 oC
- **Operating Humidity:** 5% to 95% non-condensing

Emission (EMC/EMI)

- CE Class B (EN55022)

Safety

- CSA International (CSA950, EN60950, IEC60950, UL1950)

Ordering Information

- **ADSL Router**

  DSL-G664T (v.A1) 1 RJ-11 ADSL port, 4 RJ-45 10/100BASE-TX LAN switch ports, 802.11g wireless LAN

To select the router with a built-in ADSL modem that works best with your service provider, please consult your nearest D-Link representative or distributor/reseller.

Support

U.S.A

- **TEL:** 1-714-885-6000
- **FAX:** 1-866-743-4905

Trademark
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FAQs

What is the wireless standard supported by the D-Link DSL-G664T Router?

The D-Link DSL-G664T supports the 802.11g wireless standard.

Does the D-Link DSL-G664T come with built-in ADSL modem?

Yes, it has a built-in ADSL modem to connect directly to a DSL broadband service.

How many Ethernet ports does the D-Link DSL-G664T have?

Typically, the D-Link DSL-G664T comes with four Ethernet LAN ports for wired connections.

Can I set up a secure Wi-Fi network with the D-Link DSL-G664T?

Yes, the router allows you to set up a secure Wi-Fi network with WPA/WPA2 encryption.

Does the D-Link DSL-G664T support VPN pass-through?

Most D-Link routers support VPN pass-through for secure remote connections, but please check this model's specifications for confirmation.

Is the D-Link DSL-G664T router suitable for online gaming?

The router is suitable for online gaming, providing a stable connection through both wired and wireless connections.

Can I control bandwidth or prioritize traffic with the D-Link DSL-G664T?

This router may offer Quality of Service (QoS) settings to control bandwidth and prioritize traffic, depending on the firmware version.

What is the range of the D-Link DSL-G664T wireless signal?

The wireless range can vary based on environmental factors, but the 802.11g standard typically covers up to 120 feet indoors.

Can I use the D-Link DSL-G664T as a repeater or bridge?

Some D-Link routers have repeater or bridge mode capabilities. You'll need to check the specifications for this particular model.

Does the D-Link DSL-G664T support guest Wi-Fi access?

Guest network capabilities depend on the router's firmware features. Please review the product's user guide for details.

Is the D-Link DSL-G664T compatible with DSL-AC services?

Compatibility with DSL-AC services should be confirmed with the service provider and by checking the router's specifications.

What kind of firewall is included with the D-Link DSL-G664T?

The router includes a built-in NAT firewall to protect your network from potential threats.

References PDF: [D-Link DSL-G664T Wireless ADSL Router – Device.report](#)

References

- **[User Manual](#)**