D-Link

HIGH-SPEED ADSL BROADBAND

WIRELESS N ADSL2+ 4-PORT WI-FI ROUTER

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

HIGH-PERFORMANCE WIRELESS
High-speed 802.11n wireless gives you superior speed and range while remaining compatible with 802.11g/b devices

TOTAL SECURITY & QoS
Firewall protection, user access control, WPA/WPA2 wireless security, and priority queues

The DSL-2750U Wireless N ADSL2+ 4-Port Wi-Fi Router is a versatile, high-performance router for home and the small office. With integrated ADSL2/2+ supporting download speeds up to 24 Mbps, firewall protection, Quality of Service (QoS), 802.11n 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 link to the Internet. You can even share your mobile Internet connection when on the road by connecting a compatible 3G USB adapter, such as the DWM-152 or DWM-156.

ULTIMATE WIRELESS CONNECTION WITH MAXIMUM SECURITY
This router provides wireless speeds that are up to 4 times faster than 802.11g¹. Maximize wireless performance by connecting this router to computers equipped with wireless N interfaces and stay connected from virtually anywhere at home and in the office. The router can also be used with 802.11g and 802.11b wireless networks to enable significantly improved reception. It supports WPA/WPA2 and WEP for flexible user access security and data encryption methods, and a built-in WPS button provides easy wireless setup. A wireless ON/OFF button is also included for user convenience.

FIREWALL PROTECTION & QoS
Security features prevent unauthorized access to the home and office network from wireless devices or from the Internet. The Wireless N ADSL2+ 4-Port Wi-Fi Router provides firewall security, such as Stateful Packet Inspection (SPI) and hacker attack logging. SPI inspects the contents of incoming packets before they are allowed in, while hacker logging helps to protect your network against Denial of Service (DoS) attacks. For Quality of Service (QoS), the router supports priority queues to enable a group of home or office users to experience the benefit of a smooth network connection without worrying about traffic congestion.

COMPATIBILITY ASSURANCE
The Wireless N ADSL2+ 4-Port Wi-Fi Router is backward compatible with existing 802.11b and 802.11g wireless equipment, ensuring compatibility with a wide range of wireless devices. In addition, this router includes four Ethernet ports ready for you to connect Ethernet-enabled PCs, print servers and other devices.

WIRELESS N ADSL2+ 4-PORT WI-FI ROUTER
DSL-2750U
WHAT THIS PRODUCT DOES
The DSL-2750U Wireless N ADSL2+ Wi-Fi Router connects a group of users to the Internet, allowing multiple computers at home or the office to share an integrated high-speed ADSL2/2+ interface. It provides high-performance 802.11n wireless access for wireless networked computers, 4 built-in Ethernet ports, firewall protection, and QoS for smooth and secure download/upload of photos, files, music, video, and e-mail over the Internet.

GET HIGH-SPEED ADSL AND WIRELESS PERFORMANCE
Connect to your high-speed ADSL connection with up to 24 Mbps downstream and 1 Mbps upstream. Watch TV, listen to live music and broadcasts on the Internet, allowing multiple computers at home or the office to share an integrated high-speed ADSL2/2+ interface. It provides built-in high-performance 802.11n wireless access for wireless networked computers, 4 built-in Ethernet ports, firewall protection, and QoS for smooth and secure download/upload of photos, files, music, video, and e-mail over the Internet.

YOUR NETWORK SETUP

TECHNICAL SPECIFICATIONS

DEVICE INTERFACES
- RJ-11 ADSL port
- 4 RJ-45 10/100BASE-TX Ethernet ports with auto MDI/MDIX
- Built-in 802.11n wireless LAN
- Factory reset button
- WPS button
- Wireless on/off switch
- Power on/off switch
- USB host 2.0

WIRELESS LAN
- 802.11b/g/n standards
- Wireless speed: up to 54 Mbps (802.11g), 300 Mbps (802.11n)¹
- Frequency range: 2.4GHz to 2.484GHz
- Antennas: Dual 2x2 MIMO antennas
- 64/128 bits WEP data encryption
- WPA/WPA2 (Wi-Fi Protected Access) security
- MAC address-based access control
- WPS

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

ADSL DATA RATES
- G.dmt: 8 Mbps downstream, 832Kbps upstream
- G.lite: 1.5 Mbps downstream, 512Kbps upstream
- ADSL2: 12 Mbps downstream, 1 Mbps upstream
- ADSL2+: 24 Mbps downstream, 1 Mbps upstream

ATM & PPP PROTOCOLS
- ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs)
- ATM Adaptation Layer Type 5 (AAL5)
- ATM QoS (Traffic Shaping)
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- ITU-T.6100AM F4/F5

ROUTER FEATURES
- NAT & NAPT
- Stateful Packet Inspection (SPI)
- DHCP server/client/relay
- Static Routing, RIP v.1, v.2
- Universal Plug and Play (UPnP) compliant
- Dynamic Domain Name System (DDNS)
- Virtual Server
- SNTP, DNS proxy and IGMP proxy

VIRTUAL PRIVATE NETWORK (VPN)
- Multiple PPTP/IPSec/L2TP pass-through

DEVICE CONFIGURATION/MANAGEMENT
- Installation Wizard
- Web-based GUI for configuration, firmware upgrade
- Code lock to prevent improper firmware upgrade
- Telnet
- Syslog monitoring

SECURITY
- WPA/WPA2 (Wi-Fi Protected Access)
- MAC address-based access control
- WPS
- Factory reset button
- Power on/off switch
- USB storage
- Compatible 3G USB adapter connection

QUALITY OF SERVICE
- 802.1p (0 to 7) traffic tagging
- IGMP Snooping with 32 Multicast groups
- PVC/VLAN port mapping (bridge mode)

POWER INPUT
- Through 1A external power adapter

DIMENSIONS (L x W x H)
- 180 x 39 x 118 mm (7.1 x 1.5 x 4.6 inches)

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

CERTIFICATIONS
- CE
- FCC

¹ Maximum wireless signal rate based on IEEE 802.11g standard and 802.11n 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.

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Release 01 (April 2011)