



WIRELESS N 150 ADSL2+ MODEM ROUTER

HIGH SPEED INTERNET

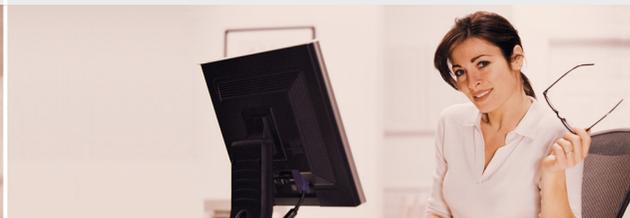
Latest ADSL2/2+ standards provide Internet transmission of up to 24 Mbps downstream, 1 Mbps upstream, Max rate 2.5 Mbps up for Annex M

HIGH-PERFORMANCE WIRELESS

Wireless N 150 technology is ideal for high-speed wireless connection and has complete compatibility with 802.11b/g wireless devices

TOTAL SECURITY & QOS

Firewall protection, user access control, WPA/WPA2 support, and priority queues for smooth VoIP and multimedia



HIGH-SPEED INTERNET

The Wireless N 150 ADSL2+ Modem Router is a versatile, high-performance remote router for home and the small office. With integrated ADSL2/2+ supporting up to 24 Mbps download speed, firewall protection, Quality of Service (QoS), 802.11n wireless LAN and 2 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.

ULTIMATE WIRELESS CONNECTION

The Wireless N 150 ADSL2+ Modem Router provides wireless speeds that are many times faster than 802.11g. Maximize wireless performance and stay connected from virtually anywhere at home and in the office. The DSL-2680 supports WPA/WPA2 and WEP data encryption methods for flexible user access security. The Wireless N 150 ADSL2+ Modem Router is backward compatible with existing 802.11b and 802.11g wireless equipment, ensuring compatibility with a wide range of wireless devices.

FULL FEATURED SECURITY SUITE

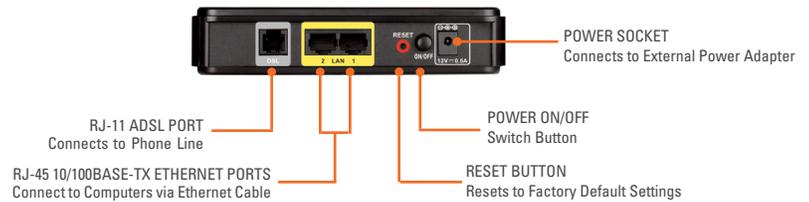
Security features prevent unauthorized access to the home and office network from wireless devices or from the Internet. The Wireless N 150 ADSL2+ Modem Router provides firewall security, such as Stateful Packet Inspection (SPI) and hacker attack logging. SPI inspects the content of incoming packets 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 concern of traffic congestion.

WHAT THIS PRODUCT DOES

This Wireless N 150 ADSL2+ Modem 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+ connection. It features 2 built-in Ethernet ports, firewall protection, and QoS for smooth and secure transfer of photos, files, music, video, and e-mail over the Internet.

HIGH-SPEED ADSL AND WIRELESS PERFORMANCE

Connect to your ADSL connection at up to 24 Mbps downstream and 1 Mbps upstream. High speed performance gives you smooth media streaming, so you can watch TV, listen to live music, broadcast over the Internet, and experience clear Internet phone calls. Wireless N 150 technology allows you to connect to 802.11n wireless devices at up to 150 Mbps, so you can make full use of your broadband connection.



TECHNICAL SPECIFICATIONS

DEVICE INTERFACES

- RJ-11 ADSL port
- RJ-45 10/100BASE-TX Ethernet ports with auto MDI/MDIX
- Built-in Wireless N 150
- Factory reset button
- WPS button
- Power on/off switch

WIRELESS LAN

- 802.11b/g standards, Wireless N 150
- Optional 802.11n capabilities
- Up to 150 Mbps throughput
- Frequency range: 2.4 GHz to 2.484 GHz
- Antenna: Built-in Diversity, Non-Detachable Antenna
- 64/128 bits WEP data encryption
- WPA/WPA2 (Wi-Fi Protected Access) security
- Multiple SSID
- 802.11e Wireless QoS (WMM/WME)
- MAC address-based access control

WIRELESS TRANSMISSION POWER2

- 802.11n: 13.5 ~ 16.5 dBm
- 802.11g: 13.5 ~ 16.5 dBm
- 802.11b: 16.5 ~ 18.5 dBm

ADSL STANDARDS

- ADSL standards: Multi-mode, ANSI T1.413 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

ADSL DATA RATES

- G.dmt: 8 Mbps downstream, 832 Kbps upstream
- G.lite: 1.5 Mbps downstream, 512 Kbps 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 8PVCs)
- 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 I.610 OAM F4/F5

ROUTER FEATURES

- NAT
- DHCP server/client/relay
- Static Routing, RIP v.1, v.2
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Virtual Server
- DNS proxy and IGMP proxy

FIREWALL

- Built-in NAT firewall
- Stateful Packet Inspection (SPI)
- DoS attacks prevention
- Packet filtering (IP/ICMP/TCP/UDP)
- Intrusion Detection System (IDS)
- DMZ

VIRTUAL PRIVATE NETWORK (VPN)

- Multiple PPTP/IPSec/L2TP pass-through

DEVICE CONFIGURATION/MANAGEMENT

- Web-based GUI for configuration, firmware upgrade
- Code lock to prevent improper firmware upgrade
- Telnet
- Syslog monitoring
- Pass DSL Forum TR-067 Performance Criteria
- WPS

QUALITY OF SERVICE

- LAN to WAN traffic prioritization/Classification
- 802.1p (0 to 7) traffic prioritization
- Traffic Shaping

POWER INPUT

- Through 12 V DC 0.5 A external power adapter

DIAGNOSTIC LEDS

- Power
- LAN (1 to 2)
- WLAN
- DSL
- Internet
- WPS

DIMENSIONS (L x W x H)

- 147.5 x 113 x 32 mm

OPERATING TEMPERATURE

- 0° to 40° C (32° to 104° F)

STORAGE TEMPERATURE

- -20° to 65° C (-4° to 149° F)

OPERATING HUMIDITY

- 5% to 95% non-condensing

CERTIFICATIONS

- CE



D-Link Corporation
No. 289 Xinhu 3rd Road, Neihu, Taipei 114, Taiwan
Specifications are subject to change without notice.
D-Link is a registered trademark of D-Link Corporation and its overseas subsidiaries.
All other trademarks belong to their respective owners.
©2010 D-Link Corporation. All rights reserved.
Release 01 (April 2010)