HIGH-SPEED ADSL BROADBAND

RANGEBOOSTER N ADSL2+ ROUTER

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

HIGH-PERFORMANCE WIRELESS
Embedded latest draft 802.11n technology for high-speed wireless connection, complete compatibility with 802.11b/g wireless devices

TOTAL SECURITY & QoS
Firewall protection from Internet attacks, user access control, WPA/WPA2 wireless security and priority queues for smooth VoIP traffic/streaming multimedia

ULTIMATE INTERNET CONNECTION
The DSL-2740B RangeBooster N ADSL2+ router is a versatile, high-performance remote router for home and the small office. With integrated ADSL2/2+ supporting up to 24Mbps download speed, firewall protection, Quality of Service (QoS), draft 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 remote link to the outside world.

ULTIMATE WIRELESS CONNECTION WITH MAXIMAL SECURITY
Powered by RangeBooster N technology, this router provides wireless speeds of up to 300Mbps1. Maximize wireless performance by connecting this router to computers equipped with RangeBooster N wireless 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. There is a built-in WPS button for easy wireless setup. A wireless ON/OFF button is also included for user convenience.

FIREWALL PROTECTION & QoS
Security features prevents unauthorized access to the home and office network, be it from the wireless devices or from the Internet. 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. Router access control is provided with packet filtering based on port and source/destination MAC/IP addresses. For Quality of Service (QoS), the router supports multiple 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 users to enjoy high ADSL transmission for applications such as VoIP and streaming multimedia over the Internet.

DSL-2740B
WHAT THIS PRODUCT DOES

This RangeBooster N ADSL2+ 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 draft 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 ADSL AND WIRELESS PERFORMANCE

Ready ADSL connection with up to 24Mbps downstream and 1Mbps upstream. Watch TV, listen to live music and broadcast on the Internet, and experience clear Internet phone calls. Built-in high-performance draft 802.11n wireless LAN means that you don’t have to compromise high-speed ADSL transmission with wireless speed constraints. Now, smooth streaming multimedia and VoIP voice are possible anywhere at home and in the office, without even the need to hook up any network wires.
TECHNICAL SPECIFICATIONS

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

WIRELESS LAN
+ 802.11b/g standards
+ 802.11n draft
+ Wireless speed: up to 54Mbps (802.11g), 300Mbps (802.11n)
+ Frequency range: 2.4 GHz to 2.484GHz
+ Antennas: Dual 2x2 built-in MIMO antennas
+ 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

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: 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 Forum UNI2.1/4.0 PVC (up to 16PVCs)
+ 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 2394)
+ ITU-T L.610 DAM F4/F5

ROUTER FEATURES
+ NAT (maximum 4096 NAT sessions)
+ DHCP server/client/relay
+ Static Routing, RIPv1, v2
+ Universal Plug and Play (UPnP) compliant
+ Dynamic Domain Name System (DDNS)
+ Virtual Server
+ SNTP, 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
+ Installation Wizard
+ Web-based GUI for configuration, firmware upgrade
+ Code lock to prevent improper firmware upgrade
+ Telnet with SSH support
+ Syslog monitoring
+ SNMP v1, v2c support with built-in MIB-II (RFC 1213)
+ TR-069 Client
+ WPS

POWER INPUT
+ Through 12VAC 1.25A external power adapter

DIMENSIONS
220 x 150 x 32 mm (8.66 x 5.90 x 1.26 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 (EN55022/EN55024/EN300 328/EN301 489)

D-Link is a registered trademark of D-Link Corporation and its overseas subsidiaries. All other trademarks belong to their respective owners. ©2008 D-Link Corporation. All rights reserved. Release 04 (October 2008)