



## WIRELESS G ADSL2+ 4-PORT ROUTER

### HIGH-SPEED ADSL2/2+ INTERNET CONNECTION

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

### ALL-IN-ONE SINGLE BOX SOLUTION

Built-in ADSL interface, 54Mbps Wireless LAN, 4-port Ethernet Switch, QoS and Firewall protection, all in one single desktop box

### TOTAL COMPATIBILITY & EASE OF USE

Works with all major Internet Service Providers, supports UPnP, easily installable by home and office users



### ULTIMATE INTERNET CONNECTION

The DSL-2640BT wireless ADSL router is an affordable high-performance ADSL router for home and the small office. With integrated ADSL2/2+ supporting up to 24Mbps download speed, 802.11g wireless LAN, firewall protection, Quality of Service (QoS) and 4-port switch, this router provides all the essentials that a home or small office needs to establish a secure and high-speed remote link to the outside world.

### AFFORDABLE HIGH-SPEED CONNECTION FOR HOME & SMALL OFFICE

Designed as a very affordable high-performance ADSL router for home and SOHO users, the DSL-2640BT provides not only the low-cost, high-speed Internet connection, but also the security and Quality of Service (QoS) required by users in today's high-risk and versatile Internet environments.

### READY WIRED & WIRELESS LAN CONNECTION

The DSL-2640BT 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 & QOS

Security features prevents unauthorized access to the home and office network from Internet intruders. The router provides firewall security using Stateful Packet Inspection (SPI) and 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, streaming multimedia and on-line games over the Internet.

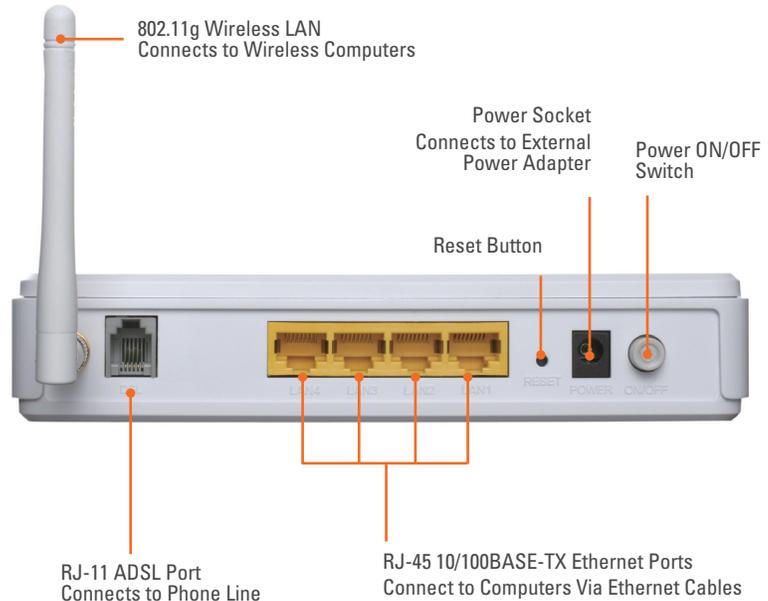
### WHAT THIS PRODUCT DOES

This wireless ADSL router connects to the Internet using an integrated high-speed ADSL2/2+ interface. Multiple computers at home or the office can 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. Built-in 802.11g wireless LAN provides ready connection for wireless users, while 4 Ethernet ports provide connection to computers through the Ethernet cables

### GET HIGH-SPEED ADSL SPEED

Ready ADSL connection with up to 24Mbps downstream and 1Mbps upstream. Watch TV, listen to live music and broadcast on the Internet, play games and experience clear Internet phone calls. Now, smooth streaming multimedia and VoIP voice are possible at home and in the office through a simple connection to this router.

### YOUR NETWORK SETUP



## TECHNICAL SPECIFICATIONS

#### DEVICE INTERFACES

- 1 RJ-11 ADSL port
- 4 RJ-45 10/100BASE-TX Fast Ethernet LAN switch ports with auto MDI/MDIX
- Built-in 802.11g WLAN

#### WIRELESS LAN

- IEEE 802.11g standard
- Frequency range: 2.4 GHz to 2.484 GHz
- Wireless speed: up to 54Mbps
- MAC-based ACL
- WPS support (optional)

#### ADSL STANDARDS

- ADSL: Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) Annex A, ITU-T G.992.2 (G.lite) Annex A, ITU-T G.994.1 (G.hs)

- ADSL2: ITU-T G.992.3 (G.dmt.bis) Annex A/L/M, ITU-T G.992.4 (G.lite.bis) Annex A
- ADSL2+: ITU-T 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

- Multiple protocol encapsulation over AAL5
- Bridged and routed Ethernet

#### encapsulation

- Logical Link Control (LLC) encapsulation
- VC-based multiplexing
- ATM Forum UNI3.1/4.0 PVC
- ATM Adaptation Layer Type 5 (AAL5)
- ITU-T I.610 OAM F4/F5 loopback
- ATM QoS (Traffic Shaping)
- PPP over ATM
- PPP over Ethernet

#### NETWORK PROTOCOLS AND FEATURES

- IP Static Routing
- RIP
- NAT
- Virtual Server, Port Forwarding
- DHCP server/client/relay

- DNS Relay, DDNS
- IGMP proxy
- SNTP

#### FIREWALL/ACCESS SECURITY

- NAT firewall
- MAC Filtering
- Packet Filtering (IP/ICMP/TCP/UDP)
- Stateful Packet Inspection (SPI)
- Denial of Service (DoS) prevention
- Intrusion Detection System and logging
- DMZ

#### QOS

- Traffic Prioritization/Classification based on:
  - Port
  - 802.1p Priority Queues
  - Application port
  - User-defined (TCP/UDP/ICMP etc.)
- 3 priority queues per PVC
- PVC/VLAN port mapping
- IGMP v.2 snooping

#### CONFIGURATION/MANAGEMENT

- Quick Installation Wizard
- Web-based GUI
- Web-based/TFTP firmware upgrade, configuration up/download
- UPnP
- SNMP v1, v2c, built-in MIB-I, MIB-II agent
- TR-069 compliant
- Factory reset button

#### DIAGNOSTIC LEDS

- Power
- DSL
- WLAN
- LAN 1 to LAN 4
- Internet

#### POWER

- Power input: through 12VDC/1A, 100 to 120VAC 50/60Hz or 200 to 240VAC 50/60Hz external AC power adapter
- Power ON/OFF switch

#### DIMENSIONS

- 196 mm (L) x 121 mm (W) x 32 mm (H)  
(7.72 x 4.76 x 1.26 inches)

#### WEIGHT

- 327 grams (0.72 lb)

#### 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

#### EMISSION (EMC/EMI)

- FCC Part 15 Class B
- CE (EN55022/EN55024/EN300 328/EN301 489)

#### SAFETY

- CSA
- LVD
- RoHS compliant



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