



## WIRELESS ADSL2+ 4-PORT ROUTER

### HIGH-SPEED INTERNET

Support for the latest ADSL2/2+ standards provide Internet transmission of up to 24 Mbps downstream, 1 Mbps upstream

### HIGH-PERFORMANCE WIRELESS

Embedded wireless LAN technology for high-speed wireless connection, and complete compatibility with 802.11b/g/n wireless devices

### TOTAL SECURITY & QoS

Firewall protection, user access control, WPA/WPA2 wireless security, and priority queues



### ULTIMATE INTERNET CONNECTION

The DSL-2640U Wireless ADSL2+ 4-Port 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), high-speed 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.

### ULTIMATE WIRELESS CONNECTION WITH MAXIMUM SECURITY

The Wireless ADSL2+ 4-Port Router gives you expanded wireless speed and coverage throughout your home and office, and is compatible with 802.11n, 802.11g, and 802.11b devices. It supports WPA/WPA2 and WEP wireless encryption for flexible user access security and data encryption methods, and a built-in WPS button provides easy wireless setup. There is a built-in WPS button for easy wireless setup, and 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 DSL-2640U 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. Quality of Service (QoS) features allow the router to support priority queues, enabling a group of home or office users to experience the benefit of a smooth network connection without concern of traffic congestion. QoS support allows users to enjoy high speed ADSL transmission for applications such as gaming and streaming multimedia over the Internet.

### WHAT THIS PRODUCT DOES

The DSL-2640U Wireless 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 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 broadcast on the Internet and experience clear Internet phone calls. Built-in high performance wireless LAN means that you don't have to compromise high-speed ADSL transmission with wireless speed constraints. Now, smooth streaming multimedia and gaming are possible anywhere at home or in the office.

### YOUR NETWORK SETUP



## TECHNICAL SPECIFICATIONS

### DEVICE INTERFACES

- ③RJ-11 ADSL port
- ③Four RJ-45 10/100BASE-TX Ethernet ports with auto MDI/MDIX
- ③Built-in wireless LAN
- ③Factory reset button
- ③WPS button
- ③Wireless on/off switch
- ③Power on/off switch

### WIRELESS LAN

- ③802.11b/g standards, compatible with 802.11n devices
- ③Frequency range: 2.4 GHz to 2.484 GHz
- ③WPA/WPA2 (Wi-Fi Protected Access) security
- ③64/128 bit WEP data encryption
- ③MAC address-based access control

### ADSL STANDARDS

- ③ADSL 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)
- ③ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex A/L/M, ITU G.992.4 (G.lite.bis) Annex A
- ③ADSL2+ standards: ITU G.992.5 Annex A, ITU G.992.5 Annex L/M (optional)

### ADSL DATA RATES

- ③G.dmt: 8 Mbps downstream, 832 Kbps upstream
- ③G.lite: 1.5 Mbps downstream, 512 Kbps upstream
- ③ADSL2: 12 Mbps downstream, 1 Mbps upstream
- ③ADSL2+: 24 Mbps downstream, 1 Mbps upstream

### ATM & PPP PROTOCOLS

- ③ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs)
- ③ATM Adaptation Layer Type 5 (AAL5)
- ③ATM QoS (Traffic Shaping)
- ③Bridged or routed Ethernet encapsulation
- ③VC and LLC based multiplexing
- ③PPP over Ethernet (PPPoE)
- ③PPP over ATM (RFC 2364)
- ③ITU-T I.610 OAM F4/F5

### ROUTER FEATURES

- ③NAT & NATP
- ③DHCP server/client/relay
- ③Static Routing, RIP v.1, v.2
- ③Universal Plug and Play (UPnP) Compliant
- ③Dynamic Domain Name System (DDNS)
- ③Virtual Server
- ③SNTP, DNS proxy and IGMP proxy
- ③Built-in NAT firewall
- ③Stateful Packet Inspection (SPI)
- ③DoS attacks prevention
- ③Packet filtering (IP/ICMP/TCP/UDP)
- ③IPv6 (Optional)

### VIRTUAL PRIVATE NETWORK (VPN)

- ③Multiple PPTP/IPSec/L2TP pass-through

### DEVICE CONFIGURATION/MANAGEMENT

- ③Installation Wizard
- ③Web-based GUI for configuration, firmware upgrade
- ③Code lock to prevent improper firmware upgrade
- ③Telnet
- ③Syslog monitoring
- ③TR-069 Client (optional)
- ③WPS

### QUALITY OF SERVICE

- ③802.1p (0 to 7) traffic tagging
- ③IGMP Snooping with 32 Multicast groups
- ③PVC/VLAN port mapping (bridge mode)

### SECURITY

- ③IGMP
- ③PVC/VLAN port mapping (bridge mode)
- ③Parental Control (URL blocking, scheduling)

### POWER INPUT

- ③Through 12 V/0.5 A external power adapter

### DIAGNOSTIC LEDS

- ③Power
- ③LAN (1 to 4)
- ③WLAN
- ③DSL
- ③Internet
- ③WPS

### OPERATING TEMPERATURE

- ③0 to 40 °C (32 to 104 °F)

### STORAGE TEMPERATURE

- ③-20 to 70 °C (-4 to 158 °F)

### OPERATING HUMIDITY

- ③5% to 95% non-condensing

### CERTIFICATIONS

- ③CE
- ③FCC
- ③Anatel



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