



## 3G/ADSL/Ethernet Router with Wi-Fi and Built-in Switch

### USB PORT

For USB modem, printer,  
or storage

### HIGH-SPEED CONNECTION

ADSL/ADSL2/ADSL2+,  
Fast Ethernet

### 802.11N DRAFT

Faster rate\* and superior  
wireless range

#### *USB Port*

You can connect a 3G modem to the USB port of the router and access the Internet via 3G GSM network. Also you can connect a printer or storage.

#### *ADSL Port and 4-port Switch*

The router is equipped with an ADSL port to connect to an ADSL line. The built-in 4-port switch enables you to connect Ethernet-enabled computers, game consoles, and other devices to your network. In addition, any Ethernet port of the device can be used to connect to a private Ethernet line.

#### *Security*

The router includes a built-in firewall. The advanced security functions minimize threats of hacker attacks, prevent unwanted intrusions to your network, and block access to unwanted websites for users of your LAN.

#### *Wireless Interface*

You are able to quickly create a wireless network at home or in your office, which lets your relatives or employees connect to your wireless network virtually anywhere (within the operational range of your wireless network). The router is designed to work with 802.11n wireless devices\* and supports 802.11b/g wireless devices.

The router supports multiple functions for the wireless interface: several security standards (WEP, WPA/WPA2), MAC address filtering, and the WPS function.

#### *Configuration and Management*

You can configure and manage the settings of the router DSL-2650U/NRU via the user-friendly web-based interface (the interface is available in several languages).

\* The maximum speed of the wireless connection is limited by the chipset up to 65Mbps.

# DSL-2650U/NRU

## Specifications

### 3G/ADSL/Ethernet Router with Wi-Fi and Built-in Switch

#### Interfaces:

- ADSL: 1 RJ-11 port
- LAN: 4 RJ-45 10/100BASE-TX Fast Ethernet LAN ports with auto-MDI/MDIX
- WLAN: built-in 802.11b, g, and n draft wireless interface
- USB: USB 2.0 type A port.

#### Wireless Network:

- IEEE 802.11n draft standard\*, IEEE 802.11b/g compliant
- Support of guest wireless network
- WEP data encryption
- WPA/WPA2 security supporting TKIP, AES and TKIP+AES
- MAC-based access to wireless network
- PIN and PBC methods of WPS
- Advanced settings.

#### ADSL Standards:

- ADSL:
  - multi-mode, 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.

#### WAN Connection Types:

- ADSL:
  - PPPoA, PPPoE, IPoE, IPoA, Bridge.
- Ethernet:
  - Static IP, DHCP, PPPoE.

#### ATM/PPP Protocols:

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

#### Network Protocols and Functions:

- Static IP routing
- NAT
- DHCP server/client/relay
- DNS relay
- DDNS
- UPnP
- Support of VLAN
- IGMP proxy.

#### Firewall and Access Management Functions:

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- MAC-filtering based on time of day and day of week
- URL filter
- Packet filtering (IP/ICMP/TCP/UDP)
- Virtual servers
- Prevention of DoS attacks
- Intrusion detection system
- DMZ
- Port Triggering.

#### QoS:

- Interface grouping
- 3 priority queues.

#### USB Modem:

- Enabling/disabling PIN code check
- Changing PIN code.

#### Configuration and Management:

- Multilingual web-based interface for configuration and management
- Firmware update via web-based interface
- Saving/restoring configuration to/from file
- Support of remote logging
- SNMP agent
- Automatic synchronization of system time with NTP server.

#### Power:

- External power adapter
- ON/OFF power switch
- ON/OFF Wi-Fi switch
- Reset to Factory Defaults button
- WPS button.

#### Supported USB Modems

- Huawei E150
- Huawei E1550
- Huawei E220
- ZTE MF626
- ZTE MF627.

### Ordering Information

#### DSL-2650U/NRU

3G/ADSL/Ethernet Router with Wi-Fi and Built-in Switch



Web: <http://www.dlink.com/corporate/worldwideoffices/>

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