



## HSUPA 3.75G RESIDENTIAL ROUTER

### GLOBAL MOBILE BROADBAND

3.75G mobile connectivity lets you take your broadband connection with you wherever you go

### ADVANCED FIREWALL AND ENCRYPTION

Dual-active firewalls and WPA/WPA2 wireless encryption ensure that your information remains secure when working from remote locations

### VOICE CALLING

A standard RJ-11 jack allows you to connect your favorite telephone and make mobile phone calls



### WIRELESS NETWORKING ON THE GO

The D-Link HSUPA 3.75G Residential Router allows users to access worldwide mobile broadband networks. Once connected, users can transfer data, stream media, send SMS messages, and make mobile phone calls. Simply insert your UMTS/HSUPA SIM card to share your 3.75G Internet connection through a secure 150N wireless network or using any of the four 10/100 Fast Ethernet ports.

### CONVENIENT VOICE FEATURES

While accessing your 3.75G Internet connection, you will still have the ability to answer incoming mobile calls and respond to SMS messages. An RJ-11 jack allows you to attach a standard analog phone for high-quality mobile calls over a GSM network. Enjoy the comfort and convenience of your favorite office phone anywhere you go.

### ADVANCED NETWORK SECURITY

Keep your wireless network private and secure with advanced WPA/WPA2 wireless encryption. The DIR-456U utilizes dual-active firewalls (SPI and NAT) to prevent potential attacks across the Internet, providing you with a safe networking environment.

### SIMPLE TO INSTALL AND USE

The 3.75G Mobile Communication Router can be installed quickly and easily almost anywhere. This router is great for situations where an impromptu wireless network must be set up, or wherever conventional network access is unavailable. The DIR-456U is an ideal solution for the last mile where only mobile networks are available, since it provides voice and data services for multiple users from a single device.

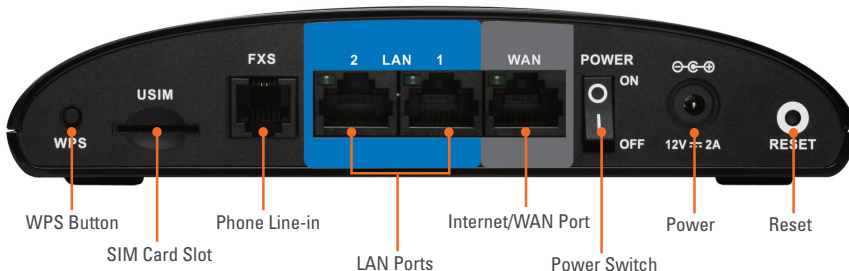
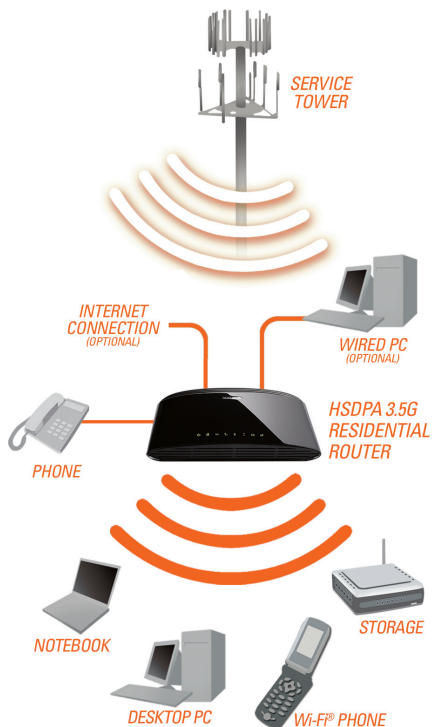
## WHAT THIS PRODUCT DOES

The HSDPA 3.75G Residential Router allows you to connect to a 3.75G mobile network and share a 3.75G mobile connection with PCs and wireless devices within the area. The router can be used with an analog phone to make mobile phone calls over GSM. WPA/WPA2 encryption and dual-active firewalls are also included for secure remote connections.

## BENEFITS

- Provides high-speed connectivity in areas without conventional 802.11 wireless access
- Compatible with a wide-range of mobile service networks
- Supports WAN failover for persistent connections

## YOUR NETWORK SETUP



## TECHNICAL SPECIFICATIONS

### GSM BAND (GSM/GPRS/EDGE)

- 850 / 900 / 1800 / 1900 MHz
- Power Class 4 (850 / 900 MHz)
- Power Class 1 (1800 / 1900 MHz)

### UMTS/HSUPA BAND<sup>1</sup>

- 900 / 1900 / 2100 MHz
- Power Class 3

### DATA THROUGHPUT<sup>2</sup>

- Downlink up to 7.2 Mbps in HSUPA mode
- Uplink up to 5.76 Mbps in HSUPA mode

### STANDARDS

- 802.11n
- 802.11g
- 802.11b
- 802.3
- 802.3u

### WIRELESS SECURITY

- 64/128-bit WEP (Wired Equivalent Privacy)
- WPA & WPA2 (Wi-Fi Protected Access)

### FIREWALL

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)

### ANTENNA

- 3 Internal antennas

### PORTS

- 2 x LAN (RJ-45)
- 1 x WAN (RJ-45)
- 1 x Phone (RJ-11)

<sup>1</sup> Supported frequency band is dependent upon regional hardware version.

<sup>2</sup> Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.

### USIM SLOT

- Standard 6-pin SIM card interface

### DIAGNOSTIC LEDs

- Power
- Internet
- 3G Mode
- 3G Signal
- WLAN
- Phone
- SMS
- WPS
- LAN
- WAN

### DIMENSIONS (L x W x H)

- 165 x 112 x 34 mm

### OPERATING TEMPERATURE

- 0 to 40 °C (32 to 104 °F)

### OPERATING HUMIDITY

- 10%-90% (Non-condensing)

### CERTIFICATIONS

- CE
- FCC



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