

DI-724U



- Improve Voice Clarity with the VoIP Priority Engine
- Readily Access a USB Printer
- Improved Content Filtering for Blocking Unwanted Traffic
- Wirelessly Share Your Internet Connection

# Office Router

## Wireless 108G QoS Router

D-Link's new DI-724U Office Router integrates several highly useful features to make your business more productive and reduce expenses. Connect a USB printer to the Office Router to centralize printing services for your network. The DI-724U is also ideal for businesses that use Voice over IP (VoIP) telephone services thanks to the advanced Quality of Service (QoS) features.

The DI-724U uses intelligent QoS technology to help improve the quality of VoIP calls. Typical Internet applications such as e-mail and web browsing require minimal bandwidth, but other applications are real-time sensitive and require much higher bandwidth, such as VoIP and video streaming. The DI-724U uses an intelligent engine to automatically detect and prioritize bandwidth-sensitive packets so that they can be sent over the Internet as soon as the request is made. This results in faster processing of these bandwidth-sensitive based packets, less latency, and a better user experience.

The built-in USB 2.0 port can be used for both print server functionality as well as Windows® Connect Now. Connect a USB printer<sup>2</sup> to the DI-724U and make it readily available to all network users. Reduce costs of purchasing additional printers or having to dedicate a PC with the DI-724U. Windows Connect Now makes configuring the wireless settings as simple

as running the Wireless Network Setup Wizard from Windows XP SP2 and transferring the wireless settings to the device using a USB flash drive.

Without reducing network performance, enable advanced features such as the improved content filtering system to prevent access to inappropriate content and keep employees focused on business. The DI-724U also features Stateful Packet Inspection (SPI) and Network Address Translation (NAT) double firewall functionality with Denial of Service (DoS) attack protection to safeguard your network.

Connect up to four Ethernet-enabled PCs or devices or take advantage of the industry-leading wireless connectivity. The DI-724U delivers a maximum wireless signal rate of up to 108Mbps<sup>1</sup> when used with other D-Link 108G devices and has the capability to handle heavy network traffic and printer sharing while maintaining smooth Voice over IP (VoIP) calls.

An included Setup Wizard makes setup of your DI-724U a straightforward process. Make the most out of your network with this all-in-one wireless router, print server, and VoIP enhancer. Increase the versatility and performance of your network with the diverse functionality of the DI-724U.

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## Wireless 108G QoS Router

DI-724U

### SPECIFICATIONS

#### Standards

- IEEE 802.11g
- IEEE 802.3
- IEEE 802.11b
- IEEE 802.3u

#### VPN Pass Through

- PPTP
- L2TP
- IPSec

#### Device Management

- Web-Based – Internet Explorer v6 or later; Netscape Navigator™ v7 or later; or other Java-enabled browsers.
- DHCP Server and Client

#### Wireless Signal Rates<sup>1</sup>

##### With Automatic Fallback

- D-Link 108G: 108Mbps
- 54Mbps
- 48Mbps
- 36Mbps
- 24Mbps
- 18Mbps
- 12Mbps
- 11Mbps
- 9Mbps
- 6Mbps
- 5.5Mbps
- 2Mbps
- 1Mbps

#### Security

- 64/128-bit WEP
- WPA —Wi-Fi Protected Access (TKIP, MIC)
- WPA-PSK (Pre-Shared Key)
- WPA2
- WPA2-PSK

#### Media Access Control

CSMA/CA with ACK

#### Wireless Frequency Range

2.4GHz to 2.4835GHz

#### Modulation Technology

- Orthogonal Frequency Division Multiplexing (OFDM)
- Complementary Code Keying (CCK)

#### Wireless Transmit Power

18dBm

#### External Antenna Type

Single detachable reverse SMA

#### Receiver Sensitivity

- 54Mbps OFDM, 10% PER, -68dBm)
- 48Mbps OFDM, 10% PER, -68dBm)
- 36Mbps OFDM, 10% PER, -75dBm)
- 24Mbps OFDM, 10% PER, -79dBm)
- 18Mbps OFDM, 10% PER, -82dBm)
- 12Mbps OFDM, 10% PER, -84dBm)
- 11Mbps CCK, 8% PER, -82dBm)
- 9Mbps OFDM, 10% PER, -87dBm)
- 6Mbps OFDM, 10% PER, -88dBm)
- 5.5Mbps CCK, 8% PER, -85dBm)
- 2Mbps QPSK, 8% PER, -86dBm)
- 1Mbps BPSK, 8% PER, -89dBm)

#### LEDs

- Power
- LAN (10/100)
- USB
- WAN
- Status
- WLAN (Wireless Connection)

#### Operating Temperature

32°F to 113°F

#### Storage Temperature

-13°F to 131°F

#### Humidity

10% to 95% (non-condensing)

#### Power Input

Ext. Power Supply: DC 5V, 2.5A

#### Safety & Emissions

- FCC

#### Dimensions

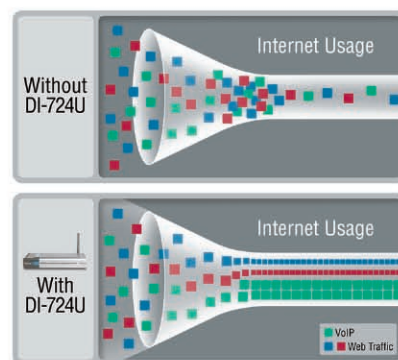
- L = 7.5 inches (190.5mm)
- W = 4.6 inches (116.84mm)
- H = 1.375 inches (35mm)

#### Weight

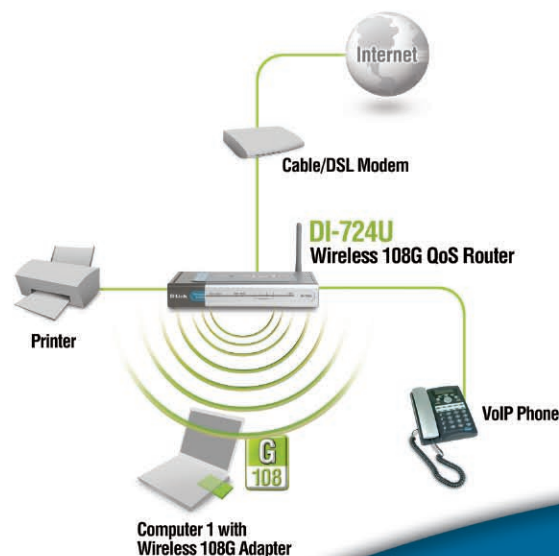
0.73lbs

#### Warranty

1-Year



Make the most of your network with a wireless router with integrated VoIP priority engine and USB print server functionality. Enjoy the freedom of seamless VoIP calls and the ability to share a single printer across a network.



<sup>1</sup> Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental conditions will adversely affect wireless signal range.

<sup>2</sup> For a list of compatible printers, visit <http://support.dlink.com>

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein. Visit [www.dlink.com](http://www.dlink.com) for more details.

