

# Wireless 108G QoS Gigabit Router

## For Business Office

- Up to 108Mbps Wireless Speed \*
- Dual High-Gain Antennas for Better Signal Coverage
- High-Speed CPU for Enhanced Router Performance
- 4 Gigabit Ports for LAN Connection
- Integrated USB Print Server
- Prioritized Network Traffic Optimized for VoIP/Multimedia

### FEATURES

#### Transfer Local Files Faster

- 4 Gigabit LAN Ports
- High Performance Routing Engine

#### Increased Performance

- VoIP Priority Engine
- D-Link 108G Wireless Technology

#### USB Versatility

- USB 2.0 Printer Sharing
- Windows Connect Now Configuration

#### Advanced Security

- Improved Access Controls
- Stateful Packet Inspection
- MAC Address Filtering
- WPA/WPA2 Wireless Security
- URL/Domain Blocking/Time Scheduling Parental Control

## Office Router



The DI-724GU Wireless 108 G Office Router integrates highly useful features to make business more productive. This router combines broadband Internet sharing, USB print server, a QoS engine, multiple Gigabit LAN ports, and high-speed wireless access in a rugged new metal chassis to provide centralized printing services, improved VoIP performance and high-speed file transfer ideal for business environments.

*Improved VoIP.* The DI-724GU router uses Quality of Service (QoS) technology to improve the quality of VoIP calls. Typical Internet applications such as e-mail and web browsing require minimal bandwidth, but other applications, such as Voice over IP (VoIP) and video streaming, are real-time sensitive and require much higher bandwidth. The DI-724GU 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 real-time based packets, less latency, and a better user experience.

*Network Printing.* A built-in USB 2.0 port can be used for both print server functionality and Windows Connect Now. A USB printer can be connected to the router for sharing among network users. Using the PS Wizard, network administrators can easily set up an attached printer for printing on the network. The USB port can also be used for wireless setup. Administrators can copy the setting information to a flash drive and transfer it to the router through the USB port. Windows Connect Now makes wireless configuring as simple as running the Wireless Network Setup Wizard from Windows XP SP2.

*Built for Speed.* Each component of the Gigabit Office Router was designed for maximum performance - from the rugged metal chassis to the internal components. A high-speed CPU powers the robust routing engine for best-of-class networking performance and for handling of heavy network traffic, printer sharing and smooth Voice over IP (VoIP) calls. The integrated wireless interface uses dual antennas for exceptional wireless signal range and delivers a maximum wireless signal rate of up to 108Mbps when used with other D-Link devices that support the Turbo speed. \* The Gigabit LAN ports enable fast data transfers for clients within the network.

*Network Security.* The DI-724GU router features Stateful Packet Inspection (SPI) and Network Address Translation (NAT) double firewall functionality with Denial of Service (DoS) attack protection to safeguard the network. These security features can be enabled without reducing the network performance. In addition, an improved access control system and parental control block inappropriate content and keep employees focused on business.





## Technical Specifications

### Standards

- IEEE 802.11b/802.11g wireless LAN
- IEEE 802.3/802.3u Ethernet
- IEEE 802.3ab Gigabit Ethernet

### Device Interfaces

- 10/100BASE-TX Ethernet WAN port
- 4 10/100/1000BASE-T Gigabit LAN ports
- USB 2.0 port
- 802.1g WLAN

### Network Data Transfer Rate

(With auto-fall back)

- For 802.11g:  
108 (Turbo), 54, 48, 36, 24, 18, 12, 9 and 6Mbps
- For 802.11b:  
11, 5.5, 2, and 1Mbps

### Wireless Frequency Range

2.4GHz to 2.4835GHz

### Wireless Transmit Power

18dBm +/- 2dBm (typical)

### Antennas

3dbi dual external detachable reverse SMA antennas

### Modulation Technology

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

### Security

- 64/128-bit WEP
- Wi-Fi Protected Access  
(WPA-PSK, WPA-EAP, WPA2-PSK, WPA2-EAP)
- TKIP/AES support

### Advanced Firewall Features

- Network Address Translation (NAT) with VPN pass-through
- Stateful Packet Inspection (SPI)
- MAC address filtering user access control
- Website filtering/domain blocking
- Scheduling

### VPN Pass Through/Multi-Sessions

PPTP, L2TP, IPSec

### Device Management

Internet Explorer v.6 or later; or other Java-enabled browsers

### LEDs

- Power
- Status
- WAN
- WLAN
- LAN (per port)
- USB

## Physical & Environmental

### Power Input

- DC 5V, 2.5A
- Through external power adapter

### Dimensions

220 (W) x 130 (D) x 30 (H) mm  
(7.56 x 4.65 x 1.22 inches)

### Weight

692.3 grams (1.73 lbs)

### Operating Temperature

0° to 55°C (32° to 131°F)

### Operating Humidity

95% maximum (non-condensing)

### Emissions

- FCC Class B
- CE

\*54Mbps maximum wireless signal rate based on 802.11g specifications, 108Mbps Turbospeed when operating with other D-Link Office Router, AirPlus Xtreme G, AirPremier, and AirPremier AG products. Actual data throughput will vary. Network conditions and environmental factors can lower actual data throughput rate.



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