

DI-524



- Up to 54Mbps¹ and Compatible with 11g and 11b
- Advanced Firewall & Parental Control
- Increased Security Controls
- Built-In 4-Port Switch
- Quick and Easy Setup



AirPlus™ G 802.11g/2.4GHz Wireless Router



D-Link, the industry leader in wireless networking, introduces another breed of wireless router. The D-Link AirPlus™ G series of high speed devices are capable of transferring maximum wireless signal rate of up to 54Mbps¹ in the 2.4GHz frequency — the same wireless frequency as 802.11b. The D-Link DI-524 also offers 4 Ethernet Ports to support multiple computers.

The advanced wireless technology built into the DI-524 offers a maximum wireless signal rate of up to 54Mbps¹ through its wireless channels allowing streaming videos and other high bandwidth applications, such as online gaming events, to operate without the hassle of Ethernet cables. The ability to use high bandwidth applications also makes streaming real time programs more enjoyable and more efficient.

Network Security is a precautionary threat and with the DI-524's built-in advanced firewall, these threats

are minimized, making it more difficult for hackers to penetrate through. Some firewall features includes functions to allow or disallow certain ports to be open for certain applications. Time scheduling can be applied to the firewall rules to have specific ports open at certain times and to be closed at other times. Features like content filtering, MAC filtering, URL blocking, and Domain blocking are useful tools to prevent other unwanted intruders from connecting to your network or browsing restricted sites.

The easy to use configuration wizard takes only minutes to setup and guides users step-by-step through configuring the DI-524. With all these features and an user-friendly utility, the DI-524 provides an enhanced networking experience.

¹ Maximum wireless signal rate based on IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

AirPlus™ G

802.11g/2.4GHz Wireless Router

DI-524



SPECIFICATIONS

Standards

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

Signal Rates¹

With Automatic Fallback

- 54Mbps
- 36Mbps
- 18Mbps
- 11Mbps
- 6Mbps
- 2Mbps
- 48Mbps
- 24Mbps
- 12Mbps
- 9Mbps
- 5.5Mbps
- 1Mbps

Security

- 802.1x
- 64-, 128-WEP
- WPA — Wi-Fi Protected Access (WEP with TKIP, MIC, IV Expansion, Shared Key Authentication)

Modulation Technology

Orthogonal Frequency Division Multiplexing (OFDM)

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

VPN Pass-Through/ Multi-Sessions

- PPTP
- L2TP
- IPSec

Device Management

- Web-based Internet Explorer v6 or Netscape Navigator v6 or other Java-enabled browsers
- DHCP Server and Client

Advanced Firewall Features

- NAT with VPN Passthrough (Network Address Translation)
- MAC Filtering
- IP Filtering
- URL Filtering
- Domain Blocking
- Scheduling

Wireless Operating Range²

- Indoors - up to 328 ft. (100 meters)
- Outdoors- up to 1312 ft. (400 meters)

Wireless Frequency Range

2.4GHz to 2.462GHz

Wireless Transmit Power

15dBm ± 2dBm

External Antenna Type

Single detachable reverse SMA

Operating Temperature

32°F to 131°F (0°C to 55°C)

Humidity

95% maximum (non-condensing)

Safety and Emissions:

FCC

LEDs

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

Dimensions

- L = 5.6 (142mm)
- W = 4.3 (109mm)
- H = 1.2 inches (31mm)

Weight

0.49lbs (22g)

Warranty

3 Year

Technology

D-Link AirPlus™ G Products

Standard 802.11b

1X

Up to 5X

Performance

Advanced Firewall Features

Feature	Available
NAT with VPN Passthrough (Network Address Translation)	✓
MAC Filtering	✓
IP Filtering	✓
URL Filtering	✓
Domain Blocking	✓
Scheduling	✓



¹ Maximum wireless signal rate based on IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

² Environmental conditions may adversely affect wireless signal range.

