

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

11g
802.11g
54Mbps

2.4
GHz

**BUILT-IN
FIREWALL**

**FREE
24/7
TECH
SUPPORT**
USA ONLY

AirPlus[®] **G** 802.11g/2.4GHz Wireless Router

D-Link, the industry leader in wireless networking, introduces another breakthrough in wireless connectivity. The **D-Link AirPlus™ G** DI-524 which is capable of transferring data at rates of up to 54Mbps¹ in the 2.4GHz frequency — the same wireless frequency as 802.11b. The D-Link DI-524 also offers four Ethernet ports to support multiple computers.

The advanced wireless technology built into the DI-524 offers data transfer speeds 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.

With the DI-524's built-in advanced firewall, threats of hackers penetrating your network are minimized. Some firewall features include functions that allow or disallow certain ports to be open for certain applications. Time scheduling can be established as a firewall rule so that specific ports will be open at certain times and 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 the versatile features and an user-friendly utility, the DI-524 provides an enhanced networking experience.

AirPlus[®] G

802.11g/2.4GHz Wireless Router

DI-524



SPECIFICATIONS

Standards

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

Data Rates¹

With Automatic Fallback

- 54Mbps
- 48Mbps
- 36Mbps
- 24Mbps
- 18Mbps
- 12Mbps
- 11Mbps
- 9Mbps
- 6Mbps
- 5.5Mbps
- 2Mbps
- 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 later; Netscape Navigator v6 or later; or other Java-enabled browsers
- DHCP Server and Client

Wireless Frequency Range

2.4GHz to 2.462GHz

Wireless Operating Range²

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

Wireless Transmit Power

15dBm ± 2dBm

External Antenna Type

Single detachable reverse SMA

Advanced Firewall Features

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

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
- WLAN (Wireless Connection)
- LAN (10/100)

Dimensions

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

Weight

7.8 oz (0.22kg)

Warranty

3 Year

Technology

D-Link AirPlus™ G Products

Standard 802.11b

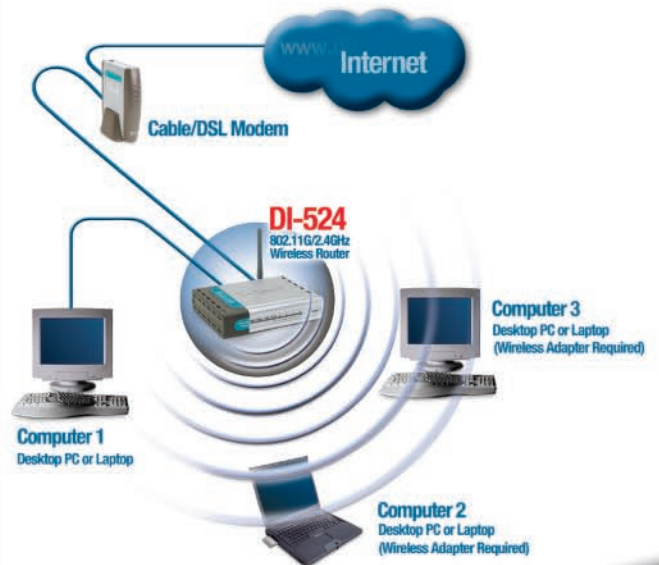
1X

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, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.
² Environmental factors may affect actual range



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D-Link[®]

Building Networks for People