

Wireless G Router

With Integrated Print Server/4-Port Switch

- Broadband Wireless Router With Up to 54Mbps Wireless Speed
- Integrated 4-Port Ethernet Switch
- Firewall With Parental Control
- Advanced Scheduling/User Level Control
- VPN Pass-Through for Remote User Access

FEATURES

Internet Access Sharing

- Built-in DHCP Server/NAT for Automatic Users IP Assignment
- 10/100BASE-TX Port for DSL/Cable Modem Connection
- WAN Port Supports PPPoE for Internet Dial-Up Mode

Wired/Wireless User Connection

- Built-in 802.11g WLAN for Wireless Users Connection at Up to 54Mbps
- Integrated 4-Port Switch for 4 Computer Connections on Ethernet

Security

- NAT Firewall
- VPN Pass-Through for Remote User Access
- Parental Control: MAC/IP/URL Filtering, Domain Blocking & Scheduling
- Wireless Security: WPA, 64/128-Bit WEP Data Encryption

Built-in Print Server

- USB Port for Printer Connection
- Share Printers in Windows, Mac, Linux Environments

Setup/Installation

- Web-Based Configuration With Setup Wizard

The D-Link AirPlusG DI-524UP wireless G router is an ideal networking solution for home and the small office. This router combines the high-speed 802.11g wireless technology and robust firewall security features in providing broadband Internet connection to a small workgroup. With an integrated print server function and 4 built-in Ethernet switch ports, it's an ideal device for those creating their first wireless networks, as well as for more advanced users looking for advanced network protection and content filtering.

High-Speed Wireless Speed. The DI-524UP router offers a maximum wireless signal rate of up to 54Mbps through its wireless channels, allowing streaming videos and other high bandwidth applications such as on-line gaming and video clips to operate without the hassle of Ethernet cables. The ability to handle high bandwidth applications also makes streaming real time programs more enjoyable and more efficient.

Built-in Firewall. The DI-524UP's built-in firewall makes it more difficult for hackers to penetrate your network. Firewall features include functions to allow or disallow certain ports to be opened 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 unwanted intruders from connecting to your network or browsing restricted sites.

Easy Setup and Secure Data Transfer. A simple, intelligent web-based setup wizard is provided with the DI-524UP to allows users to quickly set up the router and connect computers to share a high-speed Internet connection, files, resources, games or just to communicate. Multiple wireless clients can also securely connect to the network using 64-bit or 128-bit WEP data encryption.

Integrated Print Server and Ethernet Switch. A built-in print server function allows you to share out your favorite printer with home and office users so they can print web pages and other files. Your printer can be attached to this router through a USB interface. In addition, an integrated 4-port switch allows ready connection of up to 4 computers. This saves you the cost of purchasing and installing a separate switch for network computer connections.

AirPlus G



Product Specifications

Standards

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

Device Interfaces

- 10/100BASE-TX Ethernet WAN port supporting auto MDI/MDIX
- 4 10/100BASE-TX Ethernet LAN ports supporting auto MDI/MDIX
- USB 1.1 printer port
- 802.11g wireless LAN

Wireless Modulation Technology

Orthogonal Frequency Division Multiplexing (OFDM)

Wireless Frequency Range

2.4GHz to 2.462GHz

Wireless Signal Rates

(With automatic fallback)

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

Wireless 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

Wireless Transmit Output Power

15dBm +/- 2dBm

Antenna

2dBi single detachable reverse SMA

Wireless Operating Range

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

** Environmental factors may adversely affect operating range*

Security

- 802.1x user authentication support
- 64/128-bit WEP wireless data encryption
- WPA Wi-Fi Protected Access (WEP with TKIP MIC, IV Expansion, Shared Key Authentication)

Firewall Features

- NAT (Network Address Translation) with VPN pass-through
- MAC address filtering
- IP address filtering
- URL filtering
- Domain blocking
- Scheduling

VPN Pass-Through/Multi-Sessions

- PPTP
- L2TP
- IPSec

Device Management

- Web-based Internet Explorer v.6 or Netscape Navigator v.7 or other Java-enabled browsers
- DHCP Server and Client

Diagnostic LEDs

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

Physical & Environmental

Power Input

Through external power adapter

Dimensions

142 (L) x 106 (W) x 29 (H) mm

Weight

220g

Operating Temperature

0 to 55 C (32 to 131 F)

Humidity

95% maximum (non-condensing)

Safety and Emissions

- FCC Class B
- CE
- C-Tick



D-Link Worldwide Offices

U.S.A.	TEL: 1-800-326-1688	FAX: 1-866-743-4905	Luxemburg	TEL: 32-(0)2-517-7111	FAX: 32-(0)2-517-6500
Canada	TEL: 1-905-8295033	FAX: 1-905-8295223	Poland	TEL: 48-(0)-22-583-92-75	FAX: 48-(0)-22-583-92-76
Europe (U. K.)	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511	Hungary	TEL: 36-(0)-1-461-30-00	FAX: 36-(0)-1-461-30-09
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300	Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
France	TEL: 33-1-30238688	FAX: 33-1-30238689	Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331	India	TEL: 91-022-26526696	FAX: 91-022-26528914
Belgium	TEL: 32(0)2-517-7111	FAX: 32(0)2-517-6500	Middle East (Dubai)	TEL: 971-4-3916480	FAX: 971-4-3908881
Italy	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723	Turkey	TEL: 90-212-289-56-59	FAX: 90-212-289-76-06
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901	Egypt	TEL: 202-414-4295	FAX: 202-415-6704
Denmark	TEL: 45-43-969040	FAX: 45-43-424347	Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Norway	TEL: 47-99-300-100	FAX: 47-22-309580	LatinAmerica	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Finland	TEL: 358-9-2707 5080	FAX: 358-9-2707-5081	Brazil	TEL: 55-11-218-59300	FAX: 55-11-218-59322
Spain	TEL: 34-93-4090770	FAX: 34-93-4910795	South Africa	TEL: 27-12-665-2165	FAX: 27-12-665-2186
Portugal	TEL: 351-21-8688493		Russia	TEL: 7-095-744-0099	FAX: 7-095-744-0099 #350
Czech Republic	TEL: 420-(603)-276-589		China	TEL: 86-10-58635800	FAX: 86-10-58635799
Switzerland	TEL: 41-(0)-1-832-11-00	FAX: 41(0)-1-832-11-01	Taiwan	TEL: 886-2-6600-0123	FAX: 886-2-6600-1188
Greece	TEL: 30-210-9914 512	FAX: 30-210-9916902	Headquarters	TEL: 886-2-2916-1600	FAX: 886-2-2914-6299