



AirPlus G+



DI-724P+

Wireless Cable/DSL Router

With 802.11g Wireless LAN, 4-Port Switch & Parallel Print Server

The DI-724P+ is a versatile router that combines wireless broadband Internet sharing with robust firewall security, print server and built-in 4-port switch for ready printer and workstation connection. Designed for home and office use, this router provides both performance and advanced network functions, including high-speed wireless LAN connection, Internet protection and policy-based content filtering.

Simplified, Cost-saving Broadband Internet Connection

The DI-724P+ provides users with easy and cost-saving access to the broadband Internet through a DSL or cable modem without the need for wiring. To let everybody log on, this device automatically creates and assigns an IP number for each user, simplifying every one's logon operation.

High Wireless Speeds

At up to 54Mbps, this router provides wireless LAN users a very high data transfer rate. In addition, adoption of the 2.4GHz frequency, now available for public use in most countries, makes this router an ideal solution for bandwidth intensive WLAN applications.

Integrated Fast Ethernet Switch & Print Server

An integrated 4-port switch with auto MDI/MDIX support provides plug-and-play connection to 4 computers. In addition, a parallel print server port allows you to share a parallel printer among your users.

Built-in Firewall & Access Security

To prevent unwanted Internet intruders from accessing your private network, this router provides a feature-rich firewall and access security. Filters can be set based on MAC address, IP address, URL and/or domain name. Additional advanced features include pass-through of multiple concurrent IPSec and PPTP VPN sessions for telecommuters or for anyone who needs to transmit sensitive information securely.

Easy Setup

A simple yet intelligent, web-based setup wizard allows you to quickly set up the router for secure computer connection to share high-speed Internet connection, files, resources, games, or just to communicate.

Key Features

- 802.11g 54Mbps high-speed wireless broadband Internet access *
- 10/100BASE-TX port for DSL/cable modem connection
- WAN port supports PPPoE for DSL dial-up mode to save ISP connection fee
- WLAN supports Dynamic Channel Selection (auto-selection of least utilized channel of operation)
- 4 built-in 10/100BASE-TX switch ports with auto MDI/MDIX support
- Built-in parallel printer port/print server supporting Windows, MacOS, Linux
- Multi-sessions with VPN pass-through
- User access control: 802.1x authentication, Access Control List, scheduling and user level control
- Parental control: URL blocking, domain filtering
- Firewall: Stateful Packet Inspection (SPI), Ping of Death prevention, Intrusion detection, security event log
- DMZ and Virtual Server Mapping support
- Network Time Protocol & UPnP support
- Web-based configuration, Windows-based utility & Setup Wizard for quick installation

* When used with other 802.11g devices

Hardware

WAN Port

- 10/100BASE-TX
- Supports "Always-on" (bridged) and PPPoE for DSL dial-up

LAN Ports

4 10/100BASE-TX ports with auto MDI/MDIX

Printer Port

DB-25 parallel port

LED indicators

- Power
- Status
- WAN
- WLAN
- Local (Ethernet) Network (4 LEDs)

Software

NAT

- IP Network Address Translation
- Traditional IP Network Translation
- Protocol Complications with IP Network Address Translation
- DHCP server and client support
- Subnet mask class A, B, and C
- DHCP server class C (1 to 254 clients)

NAT Application Level Gateway

- H.323 Protocol Suite
- File Transfer Protocol (FTP)
- Session Initiation Protocol (SIP)
- Session Description Protocol (SDP)
- Real-Time Transport Protocol (RTP)
- Internet Relay Chat (IRC)
- Multiple Gaming Protocol

Virtual DMZ Host

1 entry

Virtual Server Mapping

13 entries

VPN Support (Multi-Session)

- PPTP pass-through
- L2TP pass-through
- IPSec pass-through

Routing (Protocols & Functions)

- Static Route
- Dynamic Route
- RIP-1, RIP-2
- IP Alias
- IP Multicast
- UDP, TCP, ICMP, ARP
- IP spoofing

Firewall Functions

- Stateful Packet Inspection (SPI)
- Packet Filtering
- Ping of Death prevention
- IP spoofing
- Intrusion Detection
- Security event log

Firewall (Stateful Packet Inspection)

- IP Address and Port Number
- Packet Count and Byte Count
- Sequence and Acknowledgement Number
- Timestamps
- Payload Modification History
- Dynamic Association

Firewall (Comprehensive Logging)

- Filtering activity: logs rejected internal and external connection requests
- Session tracking activity: logs all session creation and termination information
- Intrusion detection activity: log information about outside attack

Access Control

- User access control: MAC filtering, Access Control List (ACL), 802.1x authentication, WPA (WLAN)
- WAN access control: domain filtering, URL filtering, WAN connection scheduling

Print Server OS Support

- Windows 95, 98, ME, 2000, XP, NT
- MacOS
- Linux

Configuration and Management

- Web-based Utilities
- PC Utility supporting Windows 98SE, ME, 2000, XP
- UPnP support
- Network Time Protocol (NTP) support
- Status log

Software Upgrade

Web-based

Built-in Wireless LAN

Wireless LAN Standards

- 802.11b
- 802.11b+
- 802.11g

Data Rates

- 802.11g: up to 54Mbps (6/9/12/18/24/36/48/54Mbps)
- 802.11b+: up to 22Mbps
- 802.11b: up to 11Mbps (1/2/5.5/11Mbps)
- Auto-switch to select 802.11g or 802.11b mode
- Data rate auto fall-back under noisy environment or longer range distance

Transmission Technology

DSSS

RF Frequency Range

2.4 to 2.4835GHz

Frequency Stability

Within +/- 25ppm

Operating Channels

- 1 to 11 channels (North America)
- 1 to 13 channels (General Europe)

Data Modulation Type

DBPSK, DQPSK, CCK, PBCC and OFDM (BPSK/QPSK/16-QAM/64-QAM)

Antennas

- 1 detachable external dipole antenna, 2dBi Gain (reverse SMA connector)
- 1 internal antenna, 2dBi Gain

Transmit Output Power

- 802.11g: 14dBm (typical)
- 802.11b: 16dBm (typical)

Receive Sensitivity (for 802.11b)

- (typically @PER < 8% packet size 1024 @ 25 °C +/- 5 °C)
- 22Mbps (PBCC): -80dBm
- 11Mbps (PBCC): -85dBm
- 11Mbps (CCK): -84 dBm
- 5.5Mbps (CCK): -87 dBm
- 2Mbps (QPSK): -90 dBm
- 1Mbps (BPSK): -92 dBm

DI-724P+

Technical Specifications

2.4GHz Wireless Broadband Router

Receive Sensitivity (for 802.11g)

(typically @PER < 8% packet size 1024 @ 25 °C +/- 5 °C)

- 54Mbps (OFDM): -71 dBm
- 48Mbps (OFDM): -72 dBm
- 36Mbps (OFDM): -77 dBm
- 24Mbps (OFDM): -80 dBm
- 12Mbps (OFDM): -86 dBm
- 9Mbps (OFDM): -87 dBm
- 6Mbps (OFDM): -89 dBm

Operating Range *

- Indoors: 100 meters (328 feet)
- Outdoors: 400 meters (1,312 feet)

* Environmental factors may adversely affect range

Wireless Data Security

- WEP 64/128/256-bit data encryption (user-selectable)
- 802.1x user authentication (MD5 and TLS) (in Windows XP only)
- Wi-Fi Protected Access
- SSID broadcast enable/disable

Built-in Fast Ethernet Switch Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- ANSI/IEEE 802.3 NWay auto-negotiation

Supported Functions

- Full/half duplex (per port)
- MDI/MDIX auto uplink (per port)

Transmission Method

Store-and-forward

MAC Address Learning

Automatic update

Physical & Environmental DC input

- 5V/2A
- Through external power adapter

Dimensions

192 x 118 x 31 mm (device only)

Weight

300 grams (device only)

Operation Temperature

0 ° to 55 °C

Storage Temperature

-20° to 70 °C

Humidity

5% to 95% non-condensing

Emission (EMI) Certifications

- FCC Part 15 Class B, Sec. 15.247, 15.109
- ETS 300 328, ETS 301 489-1&17, CE mark

Wireless LAN Compatibility

Wi-Fi Compliant

Box Includes

- DI-724P router
- External power adapter
- Ethernet Cable
- Quick Installation Guide
- Manual on CD
- 4 rubber feet
- 1 set of screws



Ordering Information

DI-724P+ Wireless Router With Built-in 4-Port Switch and Parallel Printer Server

Please specify your order as follows:

DI-724P+/ANA US standard power adapter, North America frequency
DI-724P+/ANA US standard power adapter, EU frequency
DI-724P+/BEU UK standard power adapter, EU frequency
DI-724P+/EEU EU standard power adapter, EU frequency
DI-724P+/NEU Australia standard power adapter, EU frequency
DI-724P+/CN For China
TDI-724P+ For Taiwan
BDI-724P+ For USA

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