D-Link
Building Networks for People

DI-624S

- **Wirelessly Share Your Internet Connection**

- **Two USB Ports For Adding And Sharing Hard Drives[1]**

- **Advanced Firewall Features**

- **Free Limited Trial of Trend Micro™ Home Network Security[2]**

- **Simplified Wireless Setup Using Windows® Connect Now[3]**

AirPlusXtremeG®
Wireless 108G
USB Storage Router

D-Link, an industry leader in networking, introduces another breakthrough in wireless connectivity – the *Air*Plus *Xtreme*® G Wireless 108G USB Storage Router. Powered by D-Link 108G Technology, wirelessly access and share files saved on USB storage drives[1] among network users at a maximum wireless signal rate of up to 108Mbps[4].

The DI-624S Wireless 108G USB Storage Router creates an 802.11g wireless network and shares a single broadband Internet connection throughout your home or office. Featuring two USB ports, USB hard drives can be attached and shared with users connected to the router. Access saved media files or simply back up files.

The integrated advanced parental control features allow everyone in your family to have a fun yet safe time accessing online content. For increased protection, the DI-624S includes a free limited trial of Trend Micro™ Home Network Security[2]. Trend Micro Home Network Security provides global or per-user parental control settings, virus protection, and spyware detection to protect your network.

For maximum security, the DI-624S also provides dual firewall functionality, with both Network Address Translation (NAT) and Stateful Packet Inspection

(SPI) technology to help secure and protect your network from hackers and malicious attacks. For wireless users, you can use WPA-PSK encryption to protect your wireless data.

Setting up your DI-624S is a straightforward process using the Setup Wizard and user-friendly web-based management utility. For computers running Windows® XP Service Pack 2, take advantage of Windows® Connect Now and simplify the configuration of your wireless settings. Simply store configuration information on a USB flash drive, and then transfer these same settings to other wireless devices. Reduce the hassle of configuring wireless settings for multiple devices.

The DI-624S is Wi-Fi certified for industry wide interoperability, and is backward compatible with any existing 802.11b devices you may already own. The built in 4-port switch allows you to connect up to four Ethernet-enabled devices such as additional computers or network printers.

Packed with features, the DI-624S brings you a multifaceted wireless network. With 802.11g wireless connectivity, the capability to attach USB storage, and advanced parental controls, the DI-624S is your total wireless networking solution.

SPECIFICATIONS

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

VPN Pass Through / Multi-Sessions
- PPTP
- L2TP
- IPSec

Device Management
- Web-Based – Internet Explorer v6 or later; Netscape Navigator v7 or later; or other Java-enabled browsers.
- DHCP Server and Client

Wireless Signal Rates[4]
With Automatic Fallback
- D-Link 108G: 108Mbps
- 54Mbps
- 18Mbps
- 6Mbps
- 48Mbps
- 12Mbps
- 5.5Mbps
- 36Mbps
- 11Mbps
- 2Mbps
- 24Mbps
- 9Mbps
- 1Mbps

Security
- WPA-PSK (Pre-Shared Key)
- 64/128-bit WEP

Media Access Control
CSMA/CA with ACK

Wireless Frequency Range
2.4GHz to 2.462GHz

Wireless Operating Range[5]
Indoors: Up to 328 ft (100 meters)
Outdoors: Up to 1312 ft (400 meters)

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

Receiver Sensitivity
- 54Mbps OFDM, 10% PER,-71dBm)
- 48Mbps OFDM, 10% PER,-71dBm)
- 36Mbps OFDM, 10% PER,-78dBm)
- 24Mbps OFDM, 10% PER,-82dBm)
- 18Mbps OFDM, 10% PER,-85dBm)
- 12Mbps OFDM, 10% PER,-87dBm)
- 11Mbps CCK, 8% PER,-85dBm)
- 9Mbps OFDM, 10% PER,-90dBm)
- 6Mbps OFDM, 10% PER,-91dBm)
- 5.5Mbps CCK, 8% PER,-88dBm)
- 2Mbps QPSK, 8% PER,-89dBm)
- 1Mbps BPSK, 8% PER,-92dBm)

Wireless Transmit Power
15dBm ± 2dB

External Antenna Type
2dBi Detachable

Operating Temperature
32°F to 131°F (0°C to 55°C)

Humidity
95% maximum (non-condensing)

Power Input
Ext. Power Supply DC 5V, 2.5A

Safety & Emissions
- FCC

Dimensions
- L = 7.5 inches (190.5mm)
- W = 4.6 inches (116.84mm)
- H = 1.375 inches (35mm)

Weight
10.3 oz

Warranty
1-Year

The DI-624S gives you the multifunction convenience with wireless networking and the ability to add and share network storage to your home or office network.

[1] Hard drives not included.
[2] Trend Micro Home Network Security encompasses the router-based Parental Control software, web-based Vulnerability Assessment and Network Security Scan software, and the Internet Security Client Software. 60-Day free trial begins after successful account registration and email validation with Trend Micro. An additional 10 months of Parental Control software service, added to the initial 60-day trial period (totaling one year), is available after download and installation of the Internet Security Service client software.
[3] Requires Windows® XP Service Pack 2.
[4] Maximum wireless signal rate derived from 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.
[5] Environmental factors may adversely affect wireless signal range

Internet
Cable/DSL Modem
USB Hard Drive[2]
DI-624S
Wireless 108G
USB Storage Router
G 54
G 108
G 108
Computer 1 with Wireless G Adapter
Computer 2 with Wireless 108G Adapter

D-Link®
Building Networks for People