D-Link®
Building Networks for People

DI-624M

Smart Antenna
MIMO TECHNOLOGY

Super G™ with MIMO
Wireless Router

Extend the range of your wireless network using D-Link's new Super G™ with MIMO Wireless Router. Featuring the latest Smart Antenna MIMO technology and Super G™ technology, this new wireless router offers dramatic performance improvements over standard IEEE 802.11b and 802.11g.

The DI-624M enables Internet sharing and creates a robust wireless network able to achieve maximum wireless signal rates of up to 108Mbps[1]. When used with other D-Link Super G with MIMO wireless products, the range can reach up to 8x farther than standard 802.11g to provide thorough wireless coverage throughout your home or office.

Based on proven technology, this Super G with MIMO Wireless Router offers industry-wide backward compatibility to 802.11g and 802.11b networking devices. You don't have to replace your existing network devices to experience the full benefits of extended range.

For sharing broadband Internet access, the web-based wizard supports virtually all operating systems to assist you in getting connected to the Internet within minutes. Once your router has been set up, both wired and wireless users can enjoy surfing the web, streaming media, transfering, printing and storing files throughout your network.

Security features include an advanced firewall using both NAT and Stateful Packet Inspection (SPI), as well as Advanced Parental Controls to monitor and maintain Internet usage. Combine these features with full System Logging, Static DHCP, VPN pass-through, and Network Diagnostic Tools to ensure a fully protected network.

As the reach of your wireless network extends further, network security is a key factor. To protect information floating through your wireless network, the D-Link Super G with MIMO Wireless Router supports both standard WEP and advanced WPA-Personal (WPA-PSK) data encryption. Additional security features include MAC and IP filtering for limiting network access based on MAC Address or IP Address. To further prohibit intruder's access to your network, the DI-624M can also be configured to invisible mode so the network name (SSID) cannot be scanned by outside wireless clients.

Create a robust wireless network that boasts powerful performance and extended coverage. Enjoy the full benefits of wireless connectivity today!

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

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

Media Access Control
CSMA/CA with ACK

Wireless Frequency Range
2.4GHz to 2.462GHz

Wireless Operating Range[2]
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)

[1] 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.
[2] Environmental factors may adversely affect wireless signal range

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
2 Internal/ 2 External

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 = 1.375inches (35mm)

Weight
~10.3 Ounces

Warranty
1-Year

The Super G™ with MIMO Wireless Router is capable of distributing ample bandwidth throughout the house so that connected users can wirelessly surf the web.

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