D-Link®
Building Networks for People

Add Digital Storage to Your Wireless Network

DSM-622H
DSM-624H

- Wireless Digital Storage For Your Music, Videos, and Photos

- DSM-624H Stores Up to 250 Hours of Video, 10,000 Songs, or 40,000 Photos[1]

- Add More Storage Space by Connecting a USB Drive[2]

- Shares Stored Media Content Throughout Your Home Network

- Convenient File Access with both Windows® UPnP™ and Apple® Rendezvous™ Support

G
802.11g
54Mbps

MEDIALOUNGE™
Entertainment Network

Wireless G
Central Home Drive

D-Link, an industry leader in networking, introduces the MediaLounge™ Wireless G Central Home Drives. Add the MediaLounge™ 20GB[3] DSM-622H or the 40GB[3] DSM-624H drive to the home or office network for storing documents, files, and digital content such as music, video, and photos.

Share stored media content with everyone on your home or office network. The 40GB DSM-624H can store up to 250 hours of video, 10,000 songs, or 40,000 photos![1] As a central storage location for digital media, the Wireless G Central Home Drive is an organized solution for the network.

With its versatile and compact design, the Wireless G Central Home Drive can be taken anywhere as a portable device and connected to a network for sharing digital content. Stream music and video or conveniently retrieve files from the Wireless G Central Home Drive.

Save on network configuration time and get to your digital content faster with Windows® UPnP™ and Apple® Rendezvous™ support. Since the drive is visible and available to everyone on the network, you can use it to share files or collaborate on projects. The Wireless G Central Home Drives are also hot-swappable so you can connect and disconnect them from the network at any time.

Connect a USB drive to the Wireless G Central Home Drive to expand storage capabilities as your network needs grow. And with both wired Ethernet and 802.11g wireless connectivity, the Wireless G Central Home Drive can be integrated quickly into an existing network.

Free up disk space on the computer and make digital files more accessible to everyone on your network with the MediaLounge™ Wireless G Central Home Drives!

Wireless G
Central Home Drive

SPECIFICATIONS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.11
- UPnP™ (Windows XP, Me)
- Rendezvous™ (Mac OS X)

Ports
- 1 Ethernet Port
- 1 USB Port
- Power

Security
- 64/128-bit WEP

Wireless Frequency Range
- 2.4 GHz to 2.4835 GHz

Data Rates[4]
Data Rates With Automatic Fallback:
54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 11 Mbps, 9 Mbps, 6 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps

Wireless Operating Range[5]
Outdoors: Up to 1,312 feet (400 meters)

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

Receiver Sensitivity
- 54 Mbps OFDM, 10% PER, -68 dBm
- 48 Mbps OFDM, 10% PER, -68 dBm
- 36 Mbps OFDM, 10% PER, -75 dBm
- 24 Mbps OFDM, 10% PER, -79 dBm
- 18 Mbps OFDM, 10% PER, -82 dBm
- 12 Mbps OFDM, 10% PER, -84 dBm
- 11 Mbps CCK, 8% PER, -82 dBm
- 9 Mbps OFDM, 10% PER, -87 dBm
- 6 Mbps OFDM, 10% PER, -88 dBm
- 5.5 Mbps CCK, 8% PER, -85 dBm
- 2 Mbps QPSK, 8% PER, -86 dBm
- 1 Mbps BPSK, 8% PER, -89 dBm

Device Management
Web-Based. Internet Explorer v6 or Netscape Navigator® v6 or other Java-enabled browsers

Wireless Transmit Power
- 15 dBm (32 mW) 2dBi gain

External Antenna Type
- One external 2.0dB gain with reverse SMA connector

LEDs
- Power
- LinkHDD/status
- Ethernet
- Wireless LAN
- USB

Power
- Output: 5V, 3A
- Max Power 15W, 100-240 V

Temperature
- Operating Temperature 0º ~ 55º oC
- Storage Temperature -20º ~ 70º oC

Humidity
Humidity 5% ~ 90% non-condensing

Certifications
FCC Part 15 Class C

Dimensions
116mm X 192mm X 30mm
(4.57in X 7.56in X 1.18in)

Weight
0.86lbs (388g)

Warranty
1-Year

[1] Depending on file size, a combination of music, videos, and photos can be stored. Amount of storage depends on file size.
[2] USB Drive not included.
[3] For purposes of measuring storage capacity, a gigabyte (GB) means 1,000,000,000 bytes. Total accessible capacity varies depending on operating enviroment.
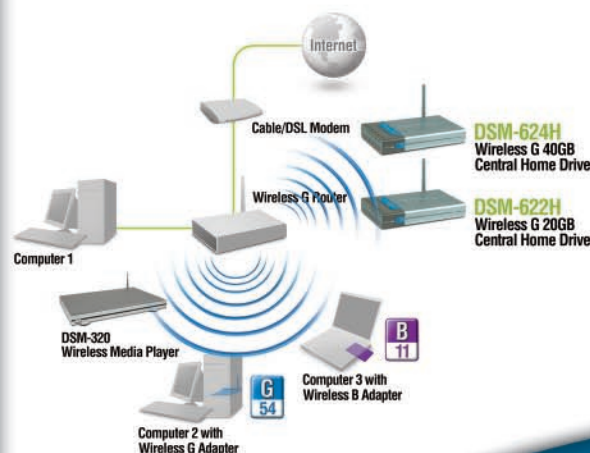[4] Maximum wireless signal rate based on IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.
[5] Environmental conditions may adversely affect wireless signal range.

	DSM-622H	DSM-624H
Number of Photos[1]	20,000	40,000
Number of Songs[1]	5,000	10,000
Hours of Video[1]	125	250

Add Digital Storage To your Wireless Network

Internet
Cable/DSL Modem
Wireless G Router
Computer 1
DSM-320 Wireless Media Player
DSM-624H Wireless G 40GB Central Home Drive
DSM-622H Wireless G 20GB Central Home Drive
Computer 2 with Wireless G Adapter
Computer 3 with Wireless B Adapter

Certain DSM-320 features may be unavailable when accessing stored media content on the DSM-622H/DSM-624H.

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