D-Link®
Building Networks for People

- **802.11g Wireless Technology Up to 54Mbps[1]**
- **WPA for Enhanced Wireless Security**
- **Quickly Add Wireless Access to Your Network**
- **Easy Web-based Configuration and Management**

DWL-G700AP

AirPlus® G
802.11g/2.4GHz Wireless
Access Point

G
802.11g
54Mbps

WEB BASED CONFIGURATION

128-BIT WEP

FREE 24/7 TECH SUPPORT (USA ONLY)†

D-Link, an industry leader in networking, introduces the new D-Link *Air*Plus® G DWL-G700AP Access Point. With the ability to achieve a maximum wireless signal rate of up to 54Mbps,[1] the DWL-G700AP gives you high-speed wireless access for your home or office.

The DWL-G700AP is Wi-Fi IEEE 802.11g compliant, meaning that it can connect and interoperate with other 802.11g compatible wireless routers, access points, and adapters. The DWL-G700AP is also backwards compatible with 802.11b networks and devices.

With its web-based setup wizard, the DWL-G700AP ensures that you will be up and running on a wireless network in just a matter of minutes. The DWL-G700AP

also includes an embedded DHCP server that can automatically assign IP addresses to wireless clients.

The DWL-G700AP features Wi-Fi Protected Access (WPA) and 64/128-bit WEP Encryption to provide an enhanced level of security for wireless data communications. The DWL-G700AP also includes additional security features to keep your wireless connection safe from unauthorized access.

With easy-to-use Web-based management, the DWL-G700AP is the right choice for setting up your first wireless network or extending the range of an existing wireless network.

AirPlus G

802.11g/2.4GHz Wireless
Access Point

DWL-G700AP

SPECIFICATIONS

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

Device Management
- Web-based — Internet Explorer v6 or later; Netscape Navigator v6 or later; or other Java-enabled browsers.

Data Rate[1]
For 802.11g:
- 54, 48, 36, 24, 18, 12, 9, and 6Mbps
For 802.11b:
- 11, 5.5, 2, and 1Mbps

Security
- 64/128-bit WEP
- WPA (Wi-Fi Protected Access)
- MAC address filtering
- SSID Broadcast Disable function

Wireless Frequency Range
- 2.412GHz to 2.462GHz

Wireless Operating Range[2]
- Indoors: Up to 328ft (100 meters)
- Outdoors: Up to 1312ft (400 meters)

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

Receiver Sensitivity
IEEE 802.11g
- -65dBm @ PER10% in 54M 64QAM
- -66dBm @ PER10% in 48M 64QAM
- -70dBm @ PER10% in 36M 16QAM
- -74dBm @ PER10% in 24M 16QAM
- -77dBm @ PER10% in 18M QPSK
- -79dBm @ PER10% in 12M QPSK
- -81dBm @ PER10% in 9M BPSK
- -82dBm @ PER10% in 6M BPSK

IEEE 802.11b
- -82dBm @ PER8% in 11M CCK
- -85dBm @ PER8% in 5.5M CCK
- -87dBm @ PER8% in 2M QBSK
- -87dBm @ PER8% in 1M BPSK

Wireless Transmit Power
- 15dBm (32mW)±2dB

External Antenna Type
- Detachable dual antennas with 2dB gain

LEDs
- Power
- WLAN
- LAN (10/100)

Power
- External Power Supply: DC 5V/2A
- AC Adapter: 100V~120V

Temperature
- Operating: 32ºF to 131ºF (0ºC to 55ºC)
- Storing: -4ºF to 149ºF (-20ºC to 65ºC)

Humidity
- 5%~95% non-condensing

Certifications
- FCC part 15 class B & C
- Wi-Fi

Dimensions
- L = 5.59 inches (142mm)
- W = 4.29 inches (109mm)
- H = 1.22 inches (31mm)

Weight
- ~0.44lb (200g)

Warranty
- 1 Year

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

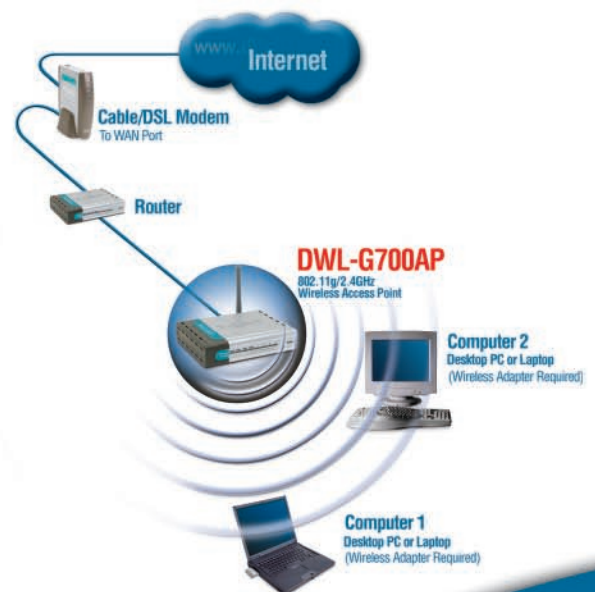**Technology**

D-Link *AirPlus*™ G Products

Standard 802.11b

1X   Up to 5X

Performance

The DWL-G700AP provides you with a simple way to add wireless connectiviy to your home or office network.

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