

DWL-G700AP



- 802.11g Wireless Technology Up to 54Mbps<sup>1</sup>
- WPA for Enhanced Wireless Security
- Quickly Add Wireless Access to Your Network
- Easy Web-based Configuration and Management



## **AirPlus™ G** 802.11g/2.4GHz Wireless Access Point



D-Link, an industry leader in networking, introduces the new D-Link AirPlus™ G DWL-G700AP Access Point. With the ability to achieve a maximum wireless signal rate of up to 54Mbps,<sup>1</sup> 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.

<sup>1</sup> Maximum wireless signal rate based on IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

# 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<sup>1</sup>

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<sup>2</sup>

- 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~240V

#### Temperature

- Operating: 32°F to 131°F (0°C to 55°C)
- Storing: -4°F to 149°F (-20°C to 65°C)

#### 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

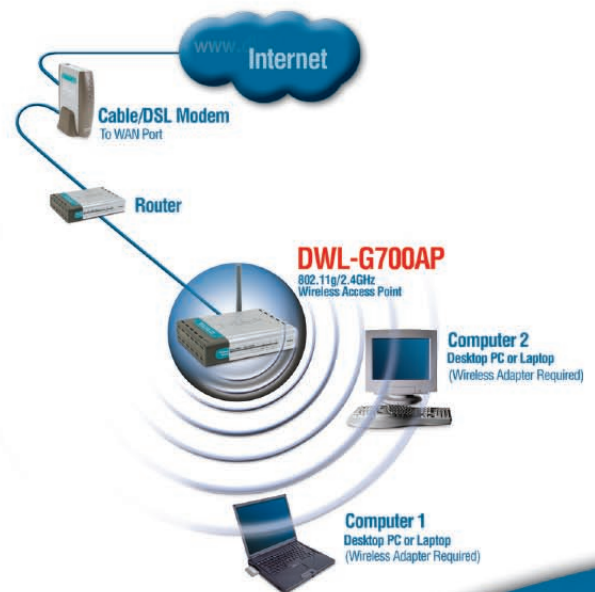
- 1 Year

<sup>1</sup> Maximum wireless signal rate based on IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

<sup>2</sup> Environmental conditions may adversely affect wireless signal range.



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



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Price and specifications are subject to changes without notice. See inside package for warranty details.

\*24/7 Tech Support is available only in USA.

# D-Link®

Building Networks for People