

DWL-G730AP



- Portable 802.11g Wireless Connectivity
- Operates as an Access Point, Router, or Wireless Client
- Includes Convenient Travel Case
- Pocket-sized for Increased Mobility



AirPlus® G 802.11g/2.4GHz Wireless Pocket Router/AP™



D-Link, an industry leader in networking, introduces another performance breakthrough in wireless connectivity – the AirPlus G DWL-G730AP Wireless Pocket Router/AP™. The DWL-G730AP is a portable and convenient wireless solution for the traveling businessperson delivering 802.11g wireless connectivity with a maximum wireless signal rate of up to 54Mbps¹. Use it in conference rooms, hotel rooms, or even at hotspots.

The Pocket Router/AP might be small in size, but is huge in functionality. The DWL-G730AP supports multiple operation modes including: Access Point (AP) mode to create a wireless connection; Router mode to share an Internet connection; and Wireless Client mode to connect an existing wireless network. Easily switch between these modes by using the 3-way configuration switch located on the bottom of the unit.

In AP mode, the DWL-G730AP can be used to create a wireless network in a room where a single Ethernet port is provided. Now multiple wireless clients can connect to the network at the same time to share resources and files.

In Router mode, the DWL-G730AP can be used to share a single broadband Internet connection, such as in a hotel room.

The internal DHCP server automatically assigns IP addresses to ensure everyone in the room can connect to the Internet. In addition, the DWL-G730AP supports VPN Pass-through and firewall features including Network Address Translation (NAT) and MAC filtering to protect your wireless network from malicious attacks.

When set in Wireless Client mode, the DWL-G730AP allows a laptop to connect to an existing wireless network, without having to install complicated drivers or additional software. For added mobility, the DWL-G730AP can be powered over USB if power outlets are not available.

The Pocket Router/AP supports WPA-PSK to secure your wireless data communications. In AP mode, the DWL-G730AP adds support for 802.1x user authentication with an external RADIUS server. For setup and configuration the DWL-G730AP can be accessed via D-Link's user-friendly Web-based utility.

Easy to pack and convenient for traveling, the DWL-G730AP comes in an attractive carrying case with the essential cables and a power adapter. Increase productivity and enjoy the benefits of wireless connectivity while on the road with D-Link's Pocket Router/AP.

AirPlus[®] G

802.11g/2.4GHz Wireless Pocket Router/AP™

DWL-G730AP



SPECIFICATIONS

Standards

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

Device Management

- Web-Based – Internet Explorer v6 or Netscape Navigator v7

Signal Rate¹

- 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 –PSK
- 802.1x²
- MAC Address Filtering
- SSID Broadcast Disable

Wireless Frequency Range

- 2.412GHz to 2.462GHz

Wireless Operating Range³

- 802.11g (Full Power with internal antenna)
Outdoors:
- 164ft (50m) @ 54Mbps
 - 492ft (150m) @ 11Mbps
 - 656ft (200m) @ 6Mbps

Power

- External Power Supply: DC 5V/1.2A

Radio and Modulation Type

- For 802.11g:
- OFDM:
- BPSK @ 6 and 9Mbps
 - QPSK @ 12 and 18Mbps
 - 16QAM @ 24 and 36Mbps
 - 64QAM @ 48 and 54Mbps
- DSSS:
- DBPSK @ 1Mbps
 - DQPSK @ 2Mbps
 - CCK @ 5.5 and 11Mbps
- For 802.11b:
- DSSS:
- DBPSK @ 1Mbps
 - DQPSK @ 2Mbps
 - CCK @ 5.5 and 11Mbps

Wireless Transmit Power

Typical RF Output Power at each Data Rate
For 802.11g:

- 31mW (15dBm) @ 54Mbps
 - 40mW (16dBm) @ 48Mbps
 - 40mW (16dBm) @ 36, 24, 18, 12, 9, and 6Mbps
- For 802.11b:

- 50mW (17dBm) @ 11, 5.5, 2, and 1Mbps

Receiver Sensitivity

For 802.11g:

- 6Mbps: -87dBm
 - 9Mbps: -85dBm
 - 12Mbps: -82dBm
 - 18Mbps: -81dBm
 - 24Mbps: -80dBm
 - 36Mbps: -79dBm
 - 48Mbps: -71dBm
 - 54Mbps: -69dBm
- For 802.11b:

- 1Mbps: -90dBm
- 2Mbps: -90dBm
- 5.5Mbps: -86dBm
- 11Mbps: -85dBm

LEDs

- Power
- WLAN
- LAN

Temperature

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

Humidity

- Operating: 10%–90% (non-condensing)
- Storing: 5%–95% (non-condensing)

Certifications

- FCC
- CE

Dimensions

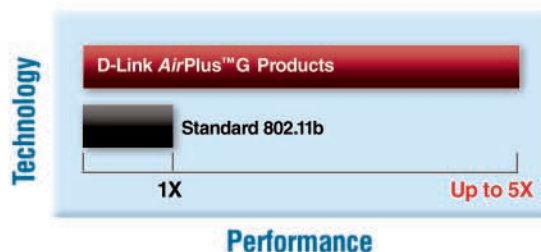
- L = 3.15 inches (80mm)
- W = 2.36 inches (60mm)
- H = 0.67 inches (17mm)

Weight

- 0.11 lbs (50g)

Warranty

- 1 Year



The DWL-G730AP provides you with a mobile solution to add 802.11g wireless connectivity while on the road.



D-Link Systems, Inc. 17595 Mt. Herrmann Street Fountain Valley CA 92708 www.dlink.com
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