



## 802.11g High-Speed Pocket Router/AP

The DWL-G730AP Wireless Pocket Router/AP is a portable and convenient wireless solution for the traveling business person delivering 802.11g wireless connectivity with a maximum wireless signal rate of up to 54Mbps. This pocket-sized device is very convenient for use in conference rooms, hotel rooms, or even at hotspots. This portable wireless networking solution is especially designed for business travelers wanting to access and share hotel Internet connections, wirelessly connect Ethernet devices or secure shared information from potential hackers.

### Dual Access Points & Router Functions

The Wireless 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 at the bottom.

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.

### Wireless Connections Without AC Power Source

When set in Wireless Client mode, the DWL-G730AP allows connection 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.

### Enhanced Network Security

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.

### Convenient For Traveling

The DWL-G730AP is smaller than the average PDA, easy to pack and convenient for traveling. It comes with an attractive traveling case, which also provides accessories including cables and a power adapter.

\* 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.

### Features

- Portable 802.11g wireless connectivity
- Up to 54Mbps wireless speed
- Pocket-sized, lightweight, ideal for traveling
- Can be used as an access point, wireless router, or wireless client
- Includes convenient travel case
- Supports power over USB

# DWL-G730AP

## Technical Specifications

### Standards

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

### Network Data Transfer Rates

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

### Wireless Frequency Range

2.412GHz to 2.462GHz

### Wireless Operating Range \*

(802.11g full power with internal antenna, outdoors)

- 50 m (164ft) @ 54Mbps
- 150 m (492ft) @ 11Mbps
- 200 m (656ft) @ 6Mbps

\* Environmental factors may affect operation range.

### 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

### Radio and Modulation Type (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

### Security

- 64/128-bit WEP data encryption
- WPAPSK security
- MAC address filtering
- SSID broadcast disable

### Device Management

Web-Based Internet Explorer v.6 or Netscape Navigator v.7

## Physical & Environmental

### LEDs

- Power
- LAN
- WLAN

### Power

External Power Supply DC 5V/1.2A

## 2.4GHz Wireless LAN

### Dimensions

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

### Weight

50 grams (0.11 lb)

### Operating Temperature

0° to 55 °C (32° to 131 °F)

### Storage Temperature

-20° to 65 °C (-4° to 149 °F)

### Operating Humidity

10% to 90% (non-condensing)

### Storage Humidity

5% to 95% (non-condensing)

### Certifications

- FCC Class B
- CE



## Ordering Information

DWL-G730AP

802.11g Pocket Router/AP

# D-Link®

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