



DI-754

- 54Mbps (5GHz) and Up to 22Mbps (2.4GHz) with optional D-Link DWL-650+ Cardbus Adapter
- Advanced Firewall & Parental Control
- 802.11a Compatible & 802.11b Expandable



## **AirPro™** Multimode 5GHz Wireless Router

D-Link introduces yet another innovation in wireless connectivity—the **D-Link AirPro™ DI-754**, a multimode wireless broadband router. The DI-754 utilizes the impressive high-speed performance and features of the *Atheros* 802.11a chip set. It also features a slot on its rear panel for the D-Link DWL-650+ Cardbus Adapter for expanding to 802.11b wireless networks. The DI-754 is the ideal solution for anyone who wants the option to expand the capacity of their existing wireless networks and allow users on different frequencies to connect.

The DI-754 multimode wireless router is an ideal solution for network administrators who want to overlay an discrete network on top of an existing 802.11b network. With the optional DWL-650+ Cardbus Adapter, this router also provides a way for those operating wireless networks in public areas to attract additional paying customers.

In addition to this wireless network expansion option, the D-Link *AirPro* DI-754 can bridge to wired networks with its four integrated 10/100 Fast Ethernet ports. Advanced users will be pleased to find easy-to-apply policy-based content filters that can be set based on MAC address, IP address, URL and/or Domain Name and scheduled to be in effect at certain hours of the day. Additional features include pass-through of multiple concurrent IPsec and PPTP VPN sessions for telecommuters or for anyone who needs to transmit sensitive information more securely. All of these features are accessible in an easy-to-navigate, web-based user interface.

With a few quick clicks, the DI-754 makes it easy to quickly and securely connect computers to share a high-speed Internet connection, files, resources, games or just to communicate.

**11a**  
802.11a

**5 GHz & 2.4 GHz**  
EXPANDABLE

**54 Mbps**



**UP TO 256-BIT WEP**

**FREE 24/7 TECH SUPPORT**



# AirPro<sup>TM</sup>

## Multimode 5GHz Wireless Router

### SPECIFICATIONS

#### Device Specifications

##### Device Management

Web-Based – Internet Explorer v5 or later; Netscape Navigator v4 or later; or other Java-enabled browsers

##### Media Access Control

CSMA/CA with ACK

##### Ports

- (4) 10/100Base-T Ethernet LAN Ports
- (1) 10/100Base-T Ethernet WAN Port

##### Diagnostic LEDs

- Power (Green)
- 10/100M Link/Act (Green)
- 11a WLAN (Green)
- 11b WLAN (Green)

##### Standards

- IEEE 802.11
- IEEE 802.11a
- IEEE 802.1d
- IEEE 802.3
- IEEE 802.3u

##### Available Channels

- (8) non-overlapping channels (5GHz)

##### Antenna Type

5dBi Dipole Antenna (5GHz)

##### Transmitter Output Power

15dBm ± 2dB

##### Power Input

Ext. Power Supply DC 5V, 3A

##### Temperature

- 32°F to 131°F (0°C to 55°C)
- Storing: -25°C to 65°C (-77°F to 140°F)

##### Humidity

5%-95% RH non-condensing

##### Physical Dimensions

- L = 9.25 inches / 91.2mm
- W = 6.25 inches / 54mm
- H = 1.50 inches / 36.4mm

##### Weight

~2.0 lbs / 907 grams

##### Certifications

- FCC part 15b • UL1950-3

##### Warranty

3 Year (details inside product package)

#### 802.11a Specifications

##### Data Rates

6, 9, 12, 18, 24, 36, 48, 54, 72 Mbps

##### Data Security

- 64, 128, 152-bit WEP (Wired Equivalent Privacy) Encryption with Dynamic Keying
- Access Control List

##### Frequency Range

5.150 - 5.350GHz

##### Modulation Technology

Orthogonal Frequency Division Multiplexing (OFDM)

##### Modulation Techniques

- BPSK • QPSK
- 16 QAM • 64 QAM

##### Enhanced 802.11b Specifications (with Optional DWL-650+ Cardbus Adapter)

##### Data Rate

1, 2, 5.5, 11, 22Mbps

##### Data Security

- 64, 128, 256-bit WEP (Wired Equivalent Privacy) Encryption
- Access Control List

##### Frequency Range

2.4GHz to 2.462GHz

##### Operating Range

Indoors: Up to 328 feet / 100 meters

##### Modulation Technology

- PBCC - Packet Binary Convolutional Coding
- Direct Sequence Spread Spectrum (DSSS)
- 11-chip Barker sequence

##### Modulation Techniques

- Barker (1Mbps/0db)
- Barker (2Mbps/3db)
- CCK (5.5 Mbps/5.5db)
- PBCC (5.5Mbps/1.5db)
- CCK (11Mbps/8.5db)
- PBCC (11Mbps/4.5db)
- PBCC (22Mbps/8.5db)

##### Product Information

Part No: DI-754  
Description: 2.4GHz/5GHz Multimode Wireless Router  
UPC: 790069-247354



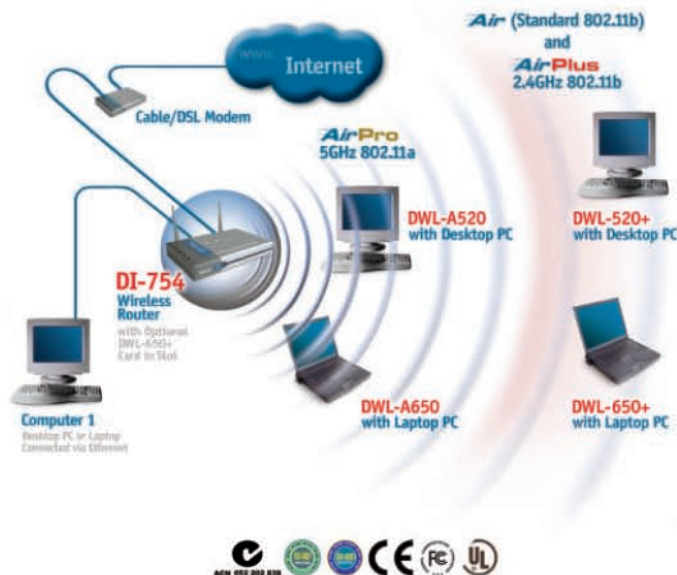
DI-754



Wireless Standard	Air 802.11b	AirPlus Enhanced 802.11b	AirPro 802.11a	AirPro Multimode 802.11a and Enhanced 802.11b
802.11b	Y	Y	N	Y
Enhanced 802.11b	Y	Y	N	Y
802.11a	N	N	Y	Y
DI-754 with DWL-650+	Y	Y	Y	Y

### Compatibility

### Wireless Speeds & Compatibility Chart



Maximum wireless signal rate derived from IEEE Standard 802.11a 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.



D-Link Systems, Inc. 17595 Mt. Hermann Street Fountain Valley CA 92708 www.dlink.com  
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Building Networks for People