

**Includes a draft 802.11n
Wireless Router &
a USB 2.0 Adapter**



WIRELESS N STARTER KIT

TOTAL PERFORMANCE

Combines award-winning QoS Engine and the draft 802.11n technology for total network performance

TOTAL SECURITY

Complete set of security features including Active Firewall and WPA2 to protect your network against outside intruders

TOTAL SIMPLICITY

Provides greater wireless signal rates even at farther distances for best-in-class Whole Home Coverage



ULTIMATE PERFORMANCE

The D-Link Wireless N Starter Kit includes a draft 802.11n compliant wireless router and a draft 802.11n compliant wireless USB 2.0 adapter that deliver wireless data transfer rates of up to 300Mbps¹. Connect this wireless router to a cable or DSL modem, and the USB adapter to your notebook or desktop computer. Share your high-speed Internet access with everyone at home or in the office. Create a secure wireless network to share photos, files, music, video, printers and network storage. With a built-in award-winning QoS Engine, the router provides a better Internet experience by keeping digital phone calls (VoIP) and online gaming smooth and responsive.

EXTENDED WHOLE HOME COVERAGE

The D-Link Wireless N Starter Kit provides superior Whole Home Coverage while eliminating dead spots. It is designed for use in bigger homes and for users that demand higher performance networking. Add more D-Link Wireless N notebook and desktop adapters to your other computers and stay connected to your network from virtually anywhere in your home.

TOTAL NETWORK SECURITY

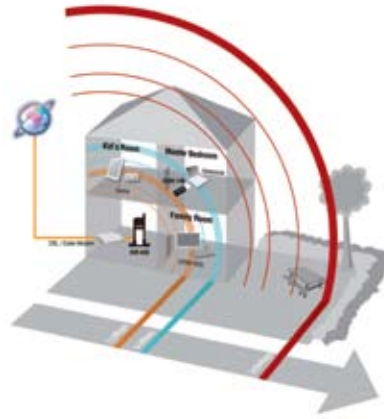
The D-Link Wireless N Starter Kit supports all of the latest wireless security features to prevent unauthorized access, be it from over the wireless network or from the Internet. Support for WPA and WEP standards ensure that you'll be able to use the best possible encryption, regardless of your client devices. In addition, it utilizes dual active firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

COMPATIBILITY ASSURANCE

The D-Link Wireless N Starter Kit is backward compatible with existing 802.11b and 802.11g wireless equipment, ensuring compatibility with a wide range of wireless devices. In addition, its Wireless Router includes four Ethernet ports ready for you to connect Ethernet-enabled PC, print server and other devices.

WHAT THIS PRODUCT DOES

Share your broadband Internet connection with multiple computers in your house by simply connecting the Wireless Router to your cable or DSL modem and plugging in the wireless USB 2.0 Adapter to your laptop or desktop PC. Once connected, you can create a high-performance wireless network to share Internet access, documents, photos, video, music and streaming media. Four LAN ports on the Wireless Router let four additional computers and Ethernet devices hook up to the Internet through the network cables.



ADVANCED WIRELESS FUNCTIONS

The D-Link Wireless N Starter Kit includes everything you need to get a wireless network up and running.

- + Includes 802.11n draft Wireless Router and USB 2.0 Adapter for notebook/desktop PC
- + Share your wireless Internet connection
- + 802.11n (draft), 802.11g and 802.11b standards
- + Wireless data rate of up to 300Mbps¹
- + Secure Wireless Encryption Using WPA2, WPA or WEP
- + Built-in NAT/SPI Firewall and Intrusion Detection System
- + Integrated 4-port 10/100Mbps switch
- + Supports UPnP, DDNS, WMM
- + USB 2.0 port for easy Windows Connect Now configuration

TECHNICAL SPECIFICATIONS

MINIMUM SYSTEM REQUIREMENTS

- DIR-635:**
- + Cable or DSL Modem with Ethernet port
 - + Computer with Windows Vista, XP SP2 or Windows 2000 SP4 or Mac OS X 10.3 or later, or Linux-Based Operating System
 - + Ethernet Adapter installed in computer
 - + Internet Explorer 6 or Firefox 1.5 or later
- DWA-140:**
- + Computer with an available USB Port
 - + Windows Vista, XP SP2 or 2000 SP4
 - + MAC X 10.3.x or later

STANDARDS

- + IEEE 802.11n (draft)
- + IEEE 802.11g
- + IEEE 802.11b
- + IEEE 802.3
- + IEEE 802.3u
- + USB 2.0

DEVICE INTERFACES

- DIR-635:**
- + 4 10/100BASE-TX Ethernet LAN ports
 - + 1 10/100BASE-TX Ethernet WAN port
 - + USB 2.0 port (for Windows Connect Now configuration)
 - + Factory default reset button
- DWA-140:**
- + USB 2.0 port

DATA RATES¹

- + 802.11b: 1/2/5.5/11Mbps
- + 802.11g: 6/9/12/18/24/36/48/54Mbps
- + 802.11n: 30/60/90/120/180/240/270/300Mbps

FREQUENCY RANGE

- + 2412 to 2462MHz (North America)
- + 2412 to 2472MHz (General Europe)

EMISSION SCHEMES

- + DSSS, OFDM

DATA MODULATION SCHEMES

- + DBPSK, DQPSK, CCK and OFDM (BPSK/QPSK/16-QAM/64-QAM)

WIRELESS TRANSMIT POWER²

- + DIR-635: 17dBm +/- 2dBm
- + DWA-140: 14dBm +/- 2dBm

ANTENNAS

- + DIR-635: 3 detachable 2dBi dipole antennas with reverse SMA plugs
- + DWA-140: integrated internal antenna

SECURITY

- + 64/128-bit WEP data encryption
 - + Wi-Fi Protected Access (WPA, WPA2)
 - + MAC/IP address filtering user access control*
 - + URL filtering/domain blocking/scheduling parental control*
- * DIR-635 only

FIREWALL*

- + Network Address Translation (NAT)
 - + Stateful Packet Inspection (SPI)
 - + VPN pass-through
 - + Multi-session PPP/L2TP/IPSec
- * DIR-635 only

DEVICE MANAGEMENT*

- + Internet Explorer v.6 or later, Mozilla Firefox v.1.5 or later, or other Java-enabled browser
- * DIR-635 only

POWER INPUT

- + DIR-635: 5VDC, 3A, through external power adapter
- + DWA-140: USB bus power, no external power adapter required

POWER CONSUMPTION

- + DWA-140: Transmission: 460mA, Reception: 240mA

DIAGNOSTIC LEDS

- DIR-635:**
- + Power + Status
 - + WAN + WLAN
 - + USB + LAN (10/100) (per port)
- DWA-140:**
- + Activity

DIMENSIONS

- + DIR-635: 117 x 193 x 30 mm (4.6 x 7.6 x 1.2 inches)
- + DWA-140: 87 x 128 x 12 mm (3.43 x 5.04 x 0.47 inches)

WEIGHT

- + DIR-635: 904 grams (0.7 lb)
- + DWA-140: 18.9 grams (0.04 lb)

OPERATING TEMPERATURE

- + 0° to 40° C (32° to 104° F)

STORAGE TEMPERATURE

- + -20° to 65° C (-4° to 149° F)

OPERATING HUMIDITY

- + 10% to 90% non-condensing

OPERATING HUMIDITY

- + 5% to 95% non-condensing

CERTIFICATION

- + FCC Class B
- + CE
- + C-Tick
- + IC

1. Maximum wireless signal rate based on IEEE standard 802.11g and draft 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction and network overhead may lower actual data throughput rate and adversely affect the range.

2. Typical transmit power; transmit power setting varies according to countries.

The devices described herein are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the packaging.

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