WIRELESS N GIGABIT HOME ROUTER

HIGH-SPEED WIRELESS
The latest Wireless N technology provides superior speed and coverage

FAST AND SECURE DEVICE SETUP
Wi-Fi Protected Setup (WPS) allows you to quickly and securely add new devices with the touch of a button

QoS ENGINE
Intelligent Quality of Service (QoS) ensures stutter-free VoIP, multimedia, and gaming

SUPERIOR HOME NETWORKING

Connect the DIR-652 Wireless N Gigabit Home Router to a DSL/cable modem to share your high-speed Internet access with multiple computers, game consoles, and multimedia devices throughout your home or office. The DIR-652 is an 802.11n compliant device which delivers speeds up to 14x faster[1] and coverage up to 6x wider[1] than 802.11g while maintaining backwards compatibility with 802.11g and 802.11b devices. Equipped with two external antennas, this router provides superior wireless coverage for larger homes and offices, and is ideal for users running bandwidth-intensive applications. The DIR-652 also includes a 4-port 10/100/1000 Gigabit switch that connects Gigabit wired devices for lag-free network gaming and faster file transfers.

INTELLIGENT QoS ENGINE

D-Link's Intelligent QoS Technology analyzes wired and wireless traffic and separates it into multiple data streams. The DIR-652's embedded WISH Stream Engine improves wireless media by moving time-sensitive tagged traffic to the front of the WMM queue and optimizing RF settings for optimal wireless throughput. WISH (Wireless Intelligent Stream Handling) automatically detects multimedia, VoIP and Online Gaming applications, requiring no configuration by the user. It works transparently with other QoS technologies to immediately improve wireless speeds.

STRAIGHTFORWARD AND RELIABLE SECURITY

The DIR-652 supports the latest wireless security features to prevent unauthorized access to your wireless network. Modern encryption standards such as WEP, WPA and WPA2 ensure that your wireless data will remain safe when transmitted wirelessly. Additionally, this router utilizes dual active firewalls (SPI and NAT) to guard against potential attacks originating from the Internet.
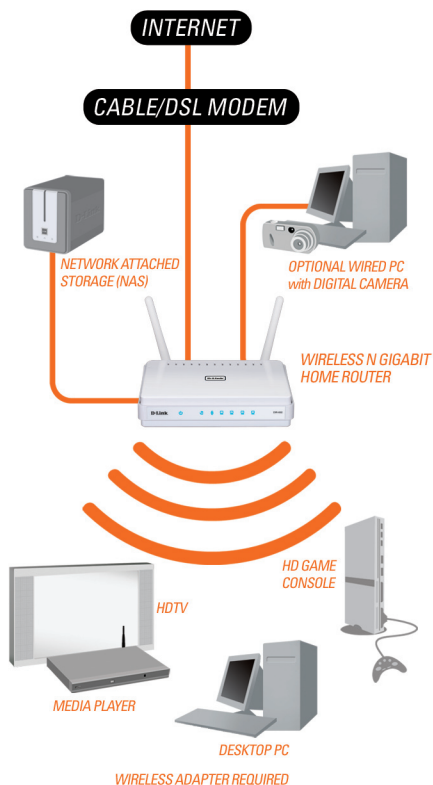
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WHAT THIS PRODUCT DOES

Simply connect the DIR-652 to your cable or DSL modem to share your broadband Internet connection with multiple computers, game consoles, or media players throughout your home or office. Once connected, you can create your own personal wireless network to share documents, music, photos, and more.

KEY FEATURES

- *Wireless Intelligent Stream Handling (WISH) for traffic prioritization*
- *Wireless N technology provides high speeds and extended coverage range*
- *Advanced WEP, WPA™, or WPA2™ encryption for secure wireless networking*
- *Interactive Click n' Connect utility for quick and easy installation*
- *Backward compatible with 802.11g and 802.11b devices including game consoles and digital media players*

YOUR NETWORK SETUP

INTERNET

CABLE/DSL MODEM

NETWORK ATTACHED STORAGE (NAS)

OPTIONAL WIRED PC with DIGITAL CAMERA

WIRELESS N GIGABIT HOME ROUTER

HD GAME CONSOLE

HDTV

MEDIA PLAYER

DESKTOP PC

WIRELESS ADAPTER REQUIRED

TECHNICAL SPECIFICATIONS

STANDARDS
- *IEEE 802.3*
- *IEEE 802.11b*
- *IEEE 802.11g*
- *IEEE 802.11n*

DEVICE INTERFACES
- *802.11n Wireless LAN*
- *10/100/1000BASE-T Gigabit WAN Port*
- *4 x 10/100/1000BASE-T Gigabit LAN Ports*

DEVICE MANAGEMENT
- *UPnP Support*
- *DDNS Support*
- *Integrated Wireless Security Wizard*
- *Web-Based Management Using Internet Explorer v6 or Later;*
- *Mozilla Firefox v1.5 or Later; or Other Java-Enabled Browsers*
- *Automatic Firmware Update Notification*
- *E-Mail Notification for Triggered Events*

SECURITY
- *64/128-bit WEP*
- *WPA & WPA2 (Wi-Fi Protected Access)*

ADVANCED FIREWALL FEATURES
- *Network Address Translation (NAT)*
- *Stateful Packet Inspection (SPI)*
- *VPN Pass-through/Multisession PPTP/L2TP/IPSec*

QoS
- *QoS Engine for prioritizing traffic*
- *WISH Stream Engine*

ANTENNA TYPE
- *2 External 2dBi omni-directional antennas*

INSTALLATION
- *D-Link Click n' Connect Utility [2]*
- *Desktop or Wall Mount*

LEDS
- *Power*
- *Status*
- *WAN*
- *WLAN*
- *LAN*

POWER
- *DC 5V/2.5A*

DIMENSIONS (L x W x H)
- *148 x 113 x 32 mm*

WEIGHT
- *219 grams*

CERTIFICATIONS
- *FCC*
- *CE*
- *WiFi*

[1] Maximum wireless signal rate derived from IEEE standard 802.11g and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, buildings materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link RELATIVE performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link 802.11n devices.

[3] The software included with this product is not Mac-compatible.

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