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Wireless AC

Product Highlights

Wireless AC and Gigabit Ethernet

Stream HD video or make Internet voice calls across your home, using the fastest wired and wireless connectivity options available today

Dual-Band Wi-Fi for Seamless Performance

Access your network via two concurrent wireless bands for seamless performance no matter what you are doing

Simple, Secure Setup

Set up the DIR-842 in no time either with the web-based setup wizard or the free QRS App, and create a secure wireless connection easily using Wi-Fi Protected Setup (WPS)

DIR-842

Wireless AC1200 Dual Band Gigabit Router

Features

High-Speed Connectivity

- 802.11ac wireless specification delivers blazing fast wireless connectivity with increased range and reliability
- 10/100/1000 Gigabit Ethernet WAN port for speedy Internet access
- Four 10/100/1000 Gigabit Ethernet LAN ports give you high-speed wired connectivity

Flexible Bandwidth

- Concurrent dual-band wireless for combined connection speeds of up to 1200 Mbps[1] (867 Mbps on 5GHz and 300 Mbps on 2.4 GHz)
- QoS engine to prioritise important traffic and deliver uninterrupted bandwidth

Setup and Management

- Web browser-based setup and configuration
- Setup wizard to guide you through the configuration process
- Free QRS (Quick Router Setup) App for iOS and Android for setup on your smartphone or tablet without the need of a computer
- Firewall and access control options to prevent attacks and restrict access to your network

The DIR-842 Wireless AC1200 Dual Band Gigabit Router combines the latest high-speed 802.11ac dual-band Wi-Fi with Gigabit Ethernet ports to provide a seamless networking experience. The DIR-842's advanced security features keep data safe from unwanted network intruders, whilst the increased range and reliability of Wireless AC technology allows you to stay connected even under heavy network utilisation or in rooms that have bad wireless signal.

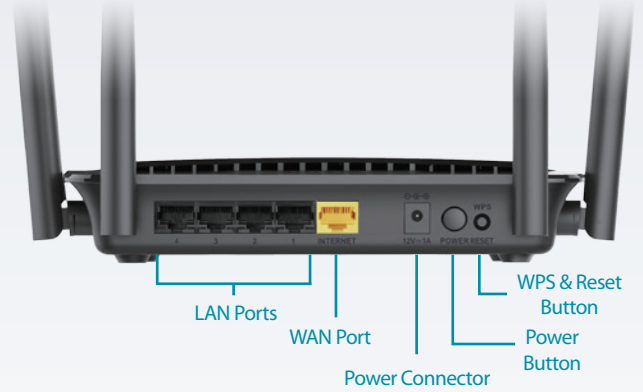## High-Speed Wired and Wireless Connectivity

The Wireless AC1200 Dual Band Gigabit Router upgrades your network to the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1200 Mbps[1] (867 Mbps on the 5 GHz frequency band and 300 Mbps on the 2.4 GHz frequency band) so you can meet the ever-greater demand from multimedia applications. Enjoy streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home or office. In addition, 10/100/1000 Gigabit Ethernet ports give you solid, dependable wired performance for devices such as smart TVs, gaming consoles and network storage devices. The built-in Quality of Service (QoS) engine allows you to prioritise important traffic to ensure that your favourite applications are receiving optimal bandwidth.

Dual Band Wireless for Seamless Performance

The Wireless AC1200 Dual Band Gigabit Router features dual-band wireless, allowing you to operate two concurrent, high-speed Wi-Fi bands for ultimate wireless performance. Surf the web, chat and play online games on the 2.4 GHz band with your smartphones and computers, while simultaneously streaming digital media on the 5 GHz band on your streaming media players and tablets. What's more, each band can operate as a separate Wi-Fi network, giving you the ability to customise your network according to your connectivity needs. You can even configure a guest zone to give visitors Internet access without giving them access to the rest of your network.

Easy to Set Up, Easy to Secure

Sharing your Internet connection doesn't have to be a complicated process - just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Alternatively, you can download the free QRS (Quick Router Setup) App for iOS or Android to set up directly on your smartphone or tablet without the need of a computer. Implement WPA/WPA2 wireless security in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes a secure connection to new devices without the need to enter settings or create passwords. In addition, the built-in firewall requires no setup, protecting you against malicious attacks from the Internet, and access control features allow you to restrict access to your network giving you greater control over network users.

LAN Ports
WAN Port
Power Connector
Power Button
WPS & Reset Button

Technical Specifications

General

Device Interfaces	• IEEE 802.11 ac/n/g/b/a wireless LAN • 10/100/1000 Gigabit Ethernet WAN port	• Four 10/100/1000 Gigabit Ethernet LAN ports
LEDs	• Power • Internet • WLAN	• LAN (x4) • WPS
Antenna Type	• Four external antennas	
Operating Frequency	• 2.4 GHz band: 2400 - 2483.5 MHz	• 5 GHz band: 5150 - 5725 MHz
Standards	• IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.3ab	• IEEE 802.11b • IEEE 802.11a • IEEE 802.3u
Minimum Requirements	• Windows 8/7/Vista or MAC OS X 10.6 or higher • Internet Explorer 9, Firefox 20.0, Chrome 25.0, Safari 5.1, or other Java-enabled browser	• Network interface card • Cable/DSL modem or other Internet Service Provider equipment with Ethernet port

Functionality

Security	• WPA & WPA2 (Wi-Fi Protected Access)	• WPS (Wi-Fi Protected Setup)
Advanced Features	• Web setup wizard • QoS (Quality of Service) • DMZ (Demilitarized Zone)	• Firewall - Network Address Translation (NAT) • Guest zone • IPv6 ready

Physical

Dimensions	• 190 x 133 x 38 mm	
Weight	• 288 g	
Power Adaptor	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V, 1 A
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE • RoHS	• FCC • D-Link Green

For more information: www.dlink.com

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