

Product Highlights

Wireless AC and Gigabit Ethernet

Get the most out of your broadband connection by enjoying high-bandwidth applications like HD, 4K, and 3D video anywhere in your home

Easily Scalable

Pair with other D-Link Wi-Fi Mesh-enabled range extenders to create a seamless mesh network that covers every corner of your home

Dual-band Wi-Fi for Seamless Performance

Two concurrent wireless networks for higher bandwidth, improved range, and backwards compatibility



DIR-L1900

AC1900 High Performance Mesh Wi-Fi 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 fast-paced Internet access
- Four 10/100/1000 Gigabit Ethernet LAN ports gives you high-speed wired connectivity

Integrated D-Link Wi-Fi Mesh

- Mix and match suitable D-Link devices to expand your network to fit any floor plan
- Effortless setup as settings can be passed on between compatible devices

Performance and Connectivity

- Dual-band Wireless AC Wave 2 up to 1900 Mbps¹
- Wi-Fi MU-MIMO technology creates a powerful, fast, and highly efficient Wi-Fi network
- SmartConnect technology for one seamless network
- QoS engine to prioritize important traffic and deliver uninterrupted bandwidth

The DIR-L1900 AC1900 High Performance Mesh Wi-Fi Router is a powerful wireless networking solution. With its wide reach, DIR-L1900 covers up to 3000 square feet of your home with high-speed AC1900 dual band Wi-Fi which you have the option to extend by easily scaling up your network with D-Link's Wi-Fi Mesh technology. DIR-L1900 is further integrated with voice assistant compatibility for Amazon Alexa and Google Assistant so you can control your network with voice commands. So stop settling for just a Wi-Fi signal - you deserve so much more.

High-Speed Wired and Wireless Connectivity

The DIR-L1900 upgrades your network to the latest dual-band high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1,900 Mbps¹ so you can meet the increasing demand from multimedia applications. Enjoy seamless high definition 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 Network Attached Storage (NAS), media centers, and gaming consoles. The built-in Quality of Service (QoS) engine allows you to prioritize important traffic to ensure that your favorite applications are receiving optimal bandwidth.

Extend and Customize Your High-Speed Wireless AC Network

D-Link's Wi-Fi Mesh is a scalable solution that allows you to easily increase the coverage of your home's wireless AC network. Expand your Wi-Fi coverage by adding compatible D-Link extenders. Mix and match suitable D-Link devices according to your budget and preferences to fit any floorplan. Setup is effortless; configuration of multiple extenders can be done in minutes as settings can be passed on to other extenders once the first extender is configured.

Smooth Streaming with Wireless 802.11ac Wave 2

The DIR-L1900 brings a host of new technologies to create the best wireless networking experience to date. With 802.11ac Wave 2 technology, the DIR-L1900 provides Gigabit wireless connectivity with combined transfer rates of up to 1,900 Mbps¹ (1300 Mbps Wireless AC + 600 Mbps Wireless N)². Featuring a 3 MU-MIMO antenna configuration, the DIR-L1900 offers better data rates, fewer dead-spots, more coverage, and increased reliability. Upgrade your home with the latest AC wave 2 technology by matching the DIR-L1900 AC1900 High Performance Mesh Wi-Fi Router with other AC wave 2 devices.

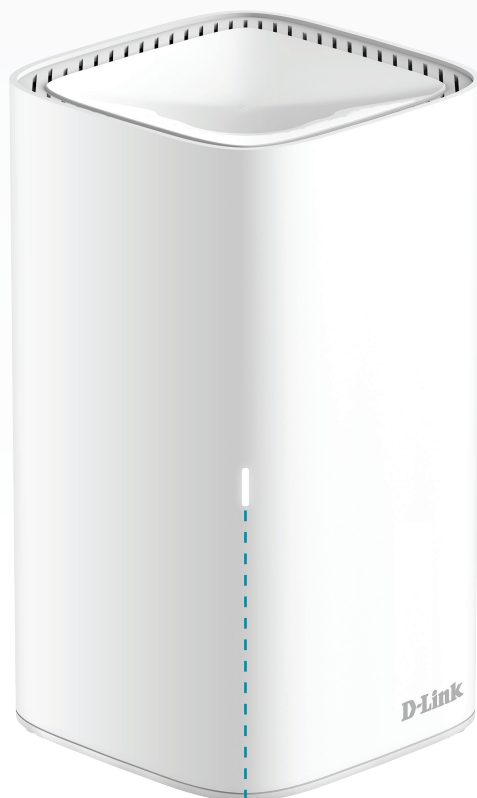
SmartConnect Technology for One Seamless Network

Ever since the introduction of 5 GHz wireless technology, users have had to blindly guess whether the 2.4 GHz or 5 GHz band would provide them with the best networking experience. D-Link's SmartConnect Technology

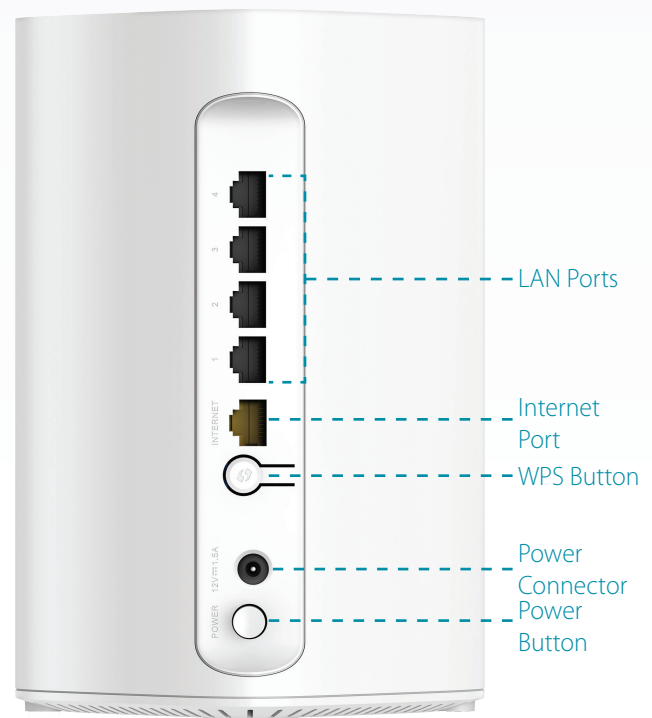
eliminates this confusion by automatically distributing devices to the optimal network. Simply initiate a connection to the DIR-L1900 and its advanced algorithms will determine the best network for your device to connect to, thereby ensuring a faster, more reliable, and hassle-free experience for your friends, colleagues, and family.

Easy to Setup and Manage

Sharing your Internet connection doesn't have to be a complicated process; just download the free D-Link Wi-Fi app for your compatible iOS or Android device and follow the on-screen step-by-step instructions to set up your DIR-L1900. You also have the option to use a web browser to access the setup wizard and manage your router. In addition, access control features allow you to restrict access to your network, giving you greater control over network users. The DIR-L1900 even integrates voice assistant compatibility for Amazon Alexa and the Google Assistant so you can control your network with voice commands.



Status LED



LAN Ports

Internet Port

WPS Button

Power Connector
Power Button

DIR-L1900 AC1900 High Performance Mesh Wi-Fi Router

Technical Specifications

General

Device Interfaces	• IEEE 802.11 ac/n/g/b/a wireless LAN • 10/100/1000 Gigabit Ethernet WAN port • Reset button	• Four 10/100/1000 Gigabit Ethernet LAN ports • WPS button • Power button
LEDs	• Status	
Antenna Type	• Three internal antennas	
Data Signal Rate	• 2.4 GHz • Up to 600 Mbps¹	• 5 GHz • Up to 1,300 Mbps¹
Standards	• IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.3ab	• IEEE 802.11b • IEEE 802.11a • IEEE 802.11d • IEEE 802.3u
Minimum Requirements	• Windows 10/8.1/8/7/Vista/XP SP3 or MAC OS X 10.6 or later • Internet Explorer 10, Firefox 28.0, Chrome 28.0, Safari 6.0, or other Java-enabled browser	• Network Interface Card • Cable/DSL modem or other Internet Service Provider equipment with Ethernet port

Functionality

Security	• WPA™ • Latest 802.11 128-bit AES with SAE(WPA3)	• WPA2™
Advanced Features	• SmartConnect • Web setup wizard • QoS (Quality of Service) • Multicast support • D-Link Wi-Fi app	• MU-MIMO (Wi-Fi) • Firewall - Network Address Translation (NAT) • Guest Zone • IPv6 • Voice Control

Physical

Dimensions	• 100 x 100 x 181 mm (3.9 x 3.9 x 7.1 in)	
Weight	• 408 grams (0.9 pounds)	
Power Adaptor	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V, 1.5 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	• FCC	• IC

Order Information

Part Number	Description
DIR-L1900	AC1900 High Performance Mesh Wi-Fi Router

¹ Maximum wireless signal rate derived from IEEE Standard 802.11ac and 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. Environmental factors will adversely affect wireless signal range.

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