D-Link®
Building Networks for People

Product Highlights

Complete Internet Solution

A total solution that helps you connect, share, and enjoy your Internet connection with a single device that's easy to set up and manage

Wireless AC and Gigabit Ethernet

Stream HD multimedia across your home without interruption using the fastest wired and wireless technologies available today

Cloud Access and Management

Effortlessly monitor your network and share files remotely from an Internet-connected PC or mobile device

DSL-2890AL
Dual Band Wireless AC1750 Gigabit Cloud ADSL2+ Modem Router

Features

Connectivity
- Built-in ADSL2+ modem for connecting to your high-speed broadband Internet connection
- Three Gigabit LAN ports and one Gigabit WAN/LAN port[1] to connect wired devices for high-speed online activities
- Fast 802.11ac wireless for reliable long-range wireless connections to all of your PCs and mobile devices
- USB 3.0 and 2.0 ports to share a printer or media on a storage device

Cloud Features
- mydlink-enabled to let you access and view your network on the go using the mydlink website or mobile app
- Stream media to your mobile devices using the SharePort™ Mobile app for iOS and Android

Security
- Dual Active Firewalls (NAT/SPI) to control traffic and prevent exploits and intrusions
- Wi-Fi Protected Setup (WPS) to quickly and securely add devices to your network
- WPA/WPA2 encryption to secure your wireless traffic

Easy Setup
- D-Link Click and Connect quick installation wizard

The DSL-2890AL Dual Band Wireless AC1750 Gigabit Cloud ADSL2+ Modem Router is everything you need for high-speed Internet access for your entire home. It combines an ADSL2+ modem and high-end wireless router together to create a single, easy to use device that creates and shares an Internet connection for all your devices. Connect a storage drive to the USB 3.0 or 2.0 ports to effortlessly stream your digital media library to your TV, PC, tablet, or mobile device via its DLNA media server feature.

Fast and Reliable Home Network

The D-Link DSL-2890AL Dual Band Wireless AC1750 Gigabit Cloud ADSL2+ Modem Router creates a blazing fast home network that connects all of your devices to your broadband Internet connection. Concurrent dual-band 802.11ac brings you the future of high-bandwidth wireless connectivity allowing you to stream HD video, make Internet voice calls, and surf the Internet from every corner of your home without interruption. Gigabit Ethernet ports provide high-speed wired connections for up to four PCs or other devices. It's stylish, easy-to-use, and comes IPv6-ready for a reliable network today and tomorrow.

Access and Manage with mydlink

The Dual Band Wireless AC1750 Gigabit Cloud ADSL2+ Modem Router allows you to use the mydlink web portal and mobile apps to remotely access, view, and manage devices on your home network no matter where you are. See who's connected to your router, change settings, or block connections, all from any PC with an Internet connection, or an iOS or Android mobile device. Parents can monitor what sites their children are visiting, and can stay informed and in control on the go.

File Sharing Right at Your Fingertips

The SharePort™ Mobile app allows you to connect a USB storage device to the DSL-2890AL and instantly share documents, movies, pictures, and music with mobile devices. You can put your music library on a USB drive and share it with your entire home. You can show photos on the living room TV while a family member watches a movie on their mobile device. You can stream media files to multiple devices without interruption, or save them to your device for offline playback. The intuitive interface lets anyone immediately connect to a variety of entertainment options stored securely on your own storage device.
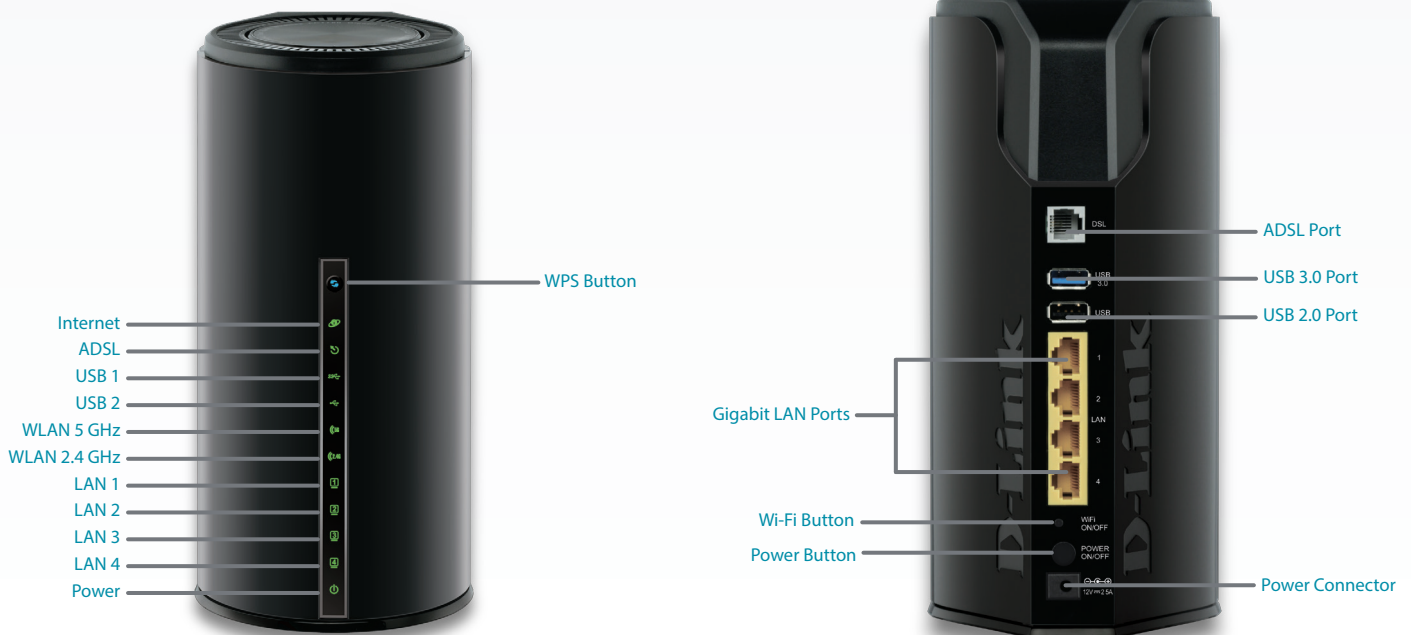
Smooth Streaming with Wireless AC

The DSL-2890AL uses the latest Wireless AC technology, which can provide transfer rates of up to 1.75 Gbps[2] (1300AC + 450N). The router operates on both the 2.4 GHz and 5 GHz wireless bands at the same time using concurrent dual-band technology and six internal antennas. This allows you to browse the web, chat and e-mail using the 2.4 GHz band, while simultaneously streaming digital media, playing online games, or making Internet voice calls on the 5 GHz band.

Designed for Optimal Wireless Coverage

The antennas inside the DSL-2890AL have been carefully designed to ensure that you will get little to no dead space in any environment. The high-powered amplifier sends the signal into the farthest corners of your home. Furthermore, the Dual Band Wireless AC1750 Gigabit Cloud ADSL2+ Modem Router's multiple internal antennas improve wireless reception by adjusting antenna positions to where they are most needed to achieve the best possible performance.

Easy to Set Up and Secure

Setting up the DSL-2890AL is easy with the D-Link Click 'n' Connect setup wizard. Simply open the setup utility and follow a few easy steps to get your home network connected. You can also set up a secure network with the touch of a button using Wi-Fi Protected Setup. Simply press the respective WPS buttons on both devices to instantly establish a secure connection to a new device. Rest assured that your network is secure with WPA/WPA2 wireless encryption and built-in dual active firewalls (SPI and NAT) so you can shop online and do your online banking with confidence.

WPS Button

Internet
ADSL
USB 1
USB 2
WLAN 5 GHz
WLAN 2.4 GHz
LAN 1
LAN 2
LAN 3
LAN 4
Power

ADSL Port
USB 3.0 Port
USB 2.0 Port

Gigabit LAN Ports

Wi-Fi Button
Power Button

Power Connector

Technical Specifications

General

Device Interfaces	• 802.11 b/g/n/ac Wireless LAN • Four 10/100/1000 Gigabit LAN ports[1] • One RJ-11 ADSL port • USB 2.0 port • USB 3.0 port
Antenna Type	• Six internal MIMO antennas

Standards	• IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.11b	• IEEE 802.3 • IEEE 802.3u • IEEE 802.3ab • IEEE 802.3az • IEEE 802.3x
Minimum System Requirements	• Windows 8/7/Vista/XP SP3 or Mac OS X 10.4 or higher • Microsoft Internet Explorer 6 or higher, Firefox 1.5 or higher, Safari 1.3 and higher, or other Java-enabled browser	• Ethernet network interface • Cable or DSL modem • Subscription with an Internet Service Provider (ISP)

Functionality

Security	• WPA & WPA2 (Wi-Fi Protected Access)	• Wi-Fi Protected Setup (WPS) - PIN/PBC

Advanced Features	• SharePort web access
	• Multi-language web setup wizard
	• Green Ethernet
	• UPnP support
	• DLNA Media Server support
		• Dual Active Firewall
		  • Network Address Translation (NAT)
		  • Stateful Packet Inspection (SPI)
		• VPN pass-through/multi-session PPTP/L2TP/IPSec
		• 802.1p QoS

mydlink Cloud Features	• Remote management
	  • View current upload/download bandwidth
	  • View currently connected clients
	  • View web browsing history per client
	  • Block/unblock client network access
	  • Manage wireless network details
		• Accessible through a web browser or iOS or Android mobile app

Mobile App Support	• SharePort™ Mobile app for Android and iOS	

Physical

Dimensions	• 114 x 97 x 190 mm (4.49 x 3.82 x 7.48 inches)	
Weight	• 334 grams (0.74 lbs)	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• 10 % to 95 % non-condensing	
Certifications	• K.21 • RoHS • CoC • RCM • IPv6 ready	• Wi-Fi • Wi-Fi Protected Setup (WPS) • Compatible with Windows 8 • Compatible with iOS

Order Information

Part Number	Description
DSL-2890AL	Dual Band Wireless AC1750 Gigabit Cloud ADSL2+ Modem Router

[1] One LAN port can be configured to be a WAN port. This must first be activated on the GUI before the WAN port is operational.
[2] Maximum wireless signal rate derived from IEEE Standard 802.11n, 802.11g, and 802.11b 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. 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.

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