

Product Highlights

All-in-One 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

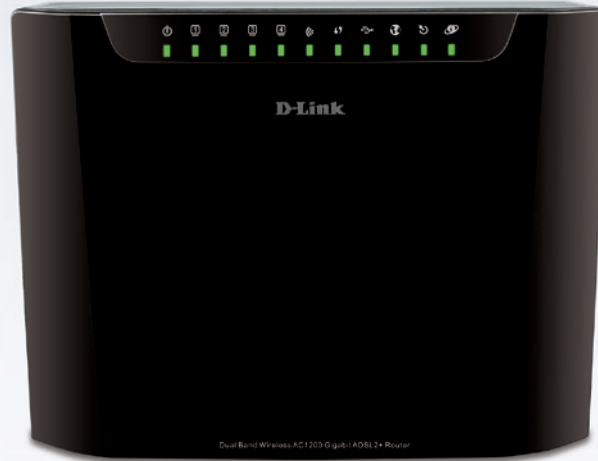
Wireless AC with AC SmartBeam™

Stream HD multimedia across your home in more places, simultaneously without interruption using the fastest wireless technologies available today

mydlink™ Cloud Access and Management³

Effortlessly monitor your network no matter where you are over the Internet, from your iOS or Android mobile device or a PC with a web browser

AC SMART 



DSL-3580L

Wireless AC1200 Dual-Band Gigabit ADSL2+ Cloud Router

Features

Connectivity

- Fast 802.11ac wireless for reliable long-range wireless connections to all of your PCs and mobile devices²
- 802.11ac/n/g/b/a wireless LAN for a complete range of wireless compatibility
- AC SmartBeam™ ensures optimal wireless signal to every corner of your home
- Built-in ADSL2+ modem for connecting to your high-speed broadband Internet connection
- Four Gigabit LAN ports and one Gigabit WAN port to connect wired devices for high-speed online activities
- USB 2.0 port to share a printer or media on a storage device

mydlink-enabled³

- Monitor and manage your network on the go through the mydlink website or mobile app

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

The DSL-3580L Wireless AC1200 Dual-Band Gigabit ADSL2+ Cloud Router is everything you need for high-speed Internet access for your entire home. It combines an ADSL2+ modem and high-end wireless AC router to create a single, easy to use device that creates and shares an Internet connection for all your devices.

Fast and Reliable Home Networking

The D-Link DSL-3580L Wireless AC1200 Dual-Band Gigabit ADSL2+ Cloud 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.

Greater Coverage and Speeds with the latest Wireless AC and Revolutionary AC SmartBeam™ Technology

The DSL-3580L uses the latest Wireless AC technology, which can provide transfer rates of up to 867 Mbps¹. D-Link's intelligent AC SmartBeam™ technology guarantees continuous blazing fast wireless speeds to all your devices, anywhere in your home, even under heavy network utilisation or in rooms that have bad wireless signal. Faster gigabit wireless speeds allow you to download contents and sync files over 3 times faster¹ than the previous standard and provide you with whole home coverage. The router operates on both the 2.4 GHz band 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 phone calls on the 5 GHz band.

Wireless AC1200 Dual-Band Gigabit ADSL2+ Cloud Router

Monitor and Manage Your Network from Anywhere with mydlink³

The Wireless AC1200 Dual-Band Gigabit ADSL2+ Cloud Router allows you to use the secure 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 wherever they are.

Share a Storage Drive or Printer Easily

Connect a USB storage device to the DSL-3580L to create a shared storage space, making it easy to share music, movies and documents between computers and devices connected on your home network. Plug in a USB hard drive and access your library of videos and music from your laptop. You can even customise your shared storage space by creating separate accounts to control access to the USB drive, so you can share your music with everyone but keep your personal files private. You can also connect a USB multifunctional printer to share printing and scanning functions, allowing a single printer to be shared with an office or a household.

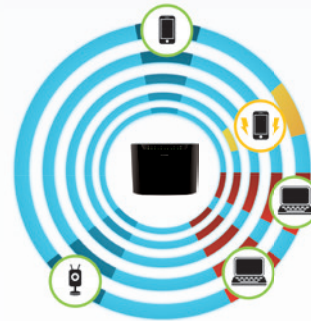
AC SmartBeam™ Technology Explained

Standard Router

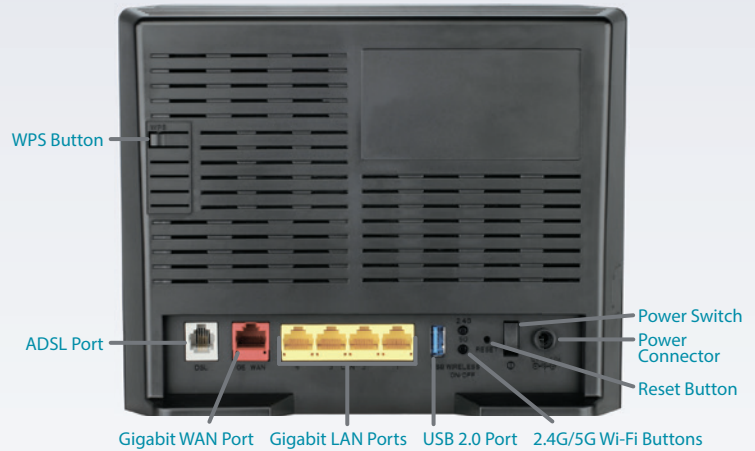


- Strong signal
- Weak signal due to dead zone
- Weak signal due to interference
- Source of interference

AC SmartBeam™ Router



- Strong signal
- Source of interference
- 2.4 GHz Focused signal
- 5 GHz Focused signal



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • 802.11ac/n/g/b/a Wireless LAN • Four 10/100/1000 Gigabit LAN ports • One 10/100/1000 Gigabit WAN port 	<ul style="list-style-type: none"> • One RJ-11 ADSL port • USB 2.0 port
Antenna Type	<ul style="list-style-type: none"> • Four internal MIMO antennas 	
Standards	<ul style="list-style-type: none"> • IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.11b 	<ul style="list-style-type: none"> • IEEE 802.11a • IEEE 802.3 • IEEE 802.3u
Minimum System Requirements	<ul style="list-style-type: none"> • Windows 8/7/Vista/XP SP3 or Mac OS X 10.4 or higher • Microsoft Internet Explorer 6 or higher, Firefox 1.0 or higher, Safari 1.2 or higher, or other Java-enabled browser 	<ul style="list-style-type: none"> • Devices with Ethernet network interface or 802.11ac/n/g/b/a wireless connectivity • Subscription with an Internet Service Provider (ISP)

Wireless AC1200 Dual-Band Gigabit ADSL2+ Cloud Router

ADSL standards	<ul style="list-style-type: none"> ADSL standards: Multi-mode, ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt) Annex A, ITU G.992.2 (G.lite) Annex A, ITU G.994.1 (G.hs) 	<ul style="list-style-type: none"> ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex A/L/M, ITU G.992.4 (G.lite.bis) Annex A ADSL2+ standards: ITU G.992.5 Annex A/L/M
ADSL data rates	<ul style="list-style-type: none"> G.dmt: 8 Mbps downstream, 832 Kbps upstream G.lite: 1.5 Mbps downstream, 512 Kbps upstream 	<ul style="list-style-type: none"> ADSL2: 12 Mbps downstream, 1 Mbps upstream ADSL2+: 24 Mbps downstream, 1 Mbps upstream
ATM & PPP protocols	<ul style="list-style-type: none"> ATM Adaptation Layer Type 5 (AAL5) Bridged or routed Ethernet encapsulation VC and LLC based multiplexing 	<ul style="list-style-type: none"> PPP over Ethernet (PPPoE) PPP over ATM (RFC 2364) ITU-T I.610 OAM F4/F5
Functionality		
Security	<ul style="list-style-type: none"> WPA & WPA2 (Wi-Fi Protected Access) 	<ul style="list-style-type: none"> Wi-Fi Protected Setup (WPS) - PIN/PBC
Advanced Features	<ul style="list-style-type: none"> Multi-language web setup wizard Green Ethernet UPnP support DLNA media server support VPN pass-through/multi-session PPTP/L2TP/IPSec 	<ul style="list-style-type: none"> Dual Active Firewall <ul style="list-style-type: none"> Network Address Translation (NAT) Stateful Packet Inspection (SPI) 802.1p QoS
mydlink Features ³	<ul style="list-style-type: none"> Remote management <ul style="list-style-type: none"> View current upload/download bandwidth View currently connected clients View web browsing history per client Block/unblock client network access Manage wireless network details 	<ul style="list-style-type: none"> Accessible through a web browser, or the mydlink Lite mobile app for iOS and Android
Mobile App Support	<ul style="list-style-type: none"> mydlink Lite app for Android and iOS 	
Physical		
Dimensions	<ul style="list-style-type: none"> 213 x 173.2 x 52 mm (8.3 x 6.8 x 2.0 inches) 	
Weight	<ul style="list-style-type: none"> 401.3 grams (0.88 lbs) 	
Temperature	<ul style="list-style-type: none"> Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	<ul style="list-style-type: none"> 5 % to 95 % non-condensing 	
Certifications	<ul style="list-style-type: none"> CE WHQL IPv6 ready Wi-Fi 	<ul style="list-style-type: none"> Wi-Fi Protected Setup (WPS) Compatible with Windows 8 Compatible with iOS

¹ Maximum wireless signal rate derived from IEEE Standard 802.11 and draft 802.11ac specifications. D-Link makes no warranties as to forward compatibility with future standards or compatibility with draft 802.11ac devices from other manufacturers. 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.

² To benefit from Wireless AC speeds, connected device must support 802.11ac standard

³ mydlink features will be available through a free software upgrade in early 2014.



For more information: www.dlink.com

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Updated August 2013

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