D-Link
Building Networks for People

## Product Highlights

**Portable Mobile Wireless**

Conveniently create a reliable, high-speed Wireless AC network anywhere you have a mobile broadband signal

**3G/4G LTE Connection Sharing**

Attach your 3G/4G LTE adapter to the router's USB port to share your high-speed mobile Internet service with family or colleagues

**Backup Network Link**

Use your 3G/4G LTE connection as a backup for your ADSL/cable Internet service for redundancy

# DWR-118

# Wireless AC1200 Dual Band Multi-WAN Router

## Features

**High Speed Mobile Broadband**

- Supports the latest 4G LTE connection technology for super-fast mobile broadband
- Supports 4G LTE/EV-DO/CDMA/HSPA+/HSUPA/HSDPA/UMTS wireless networks through USB dongles for international compatibility[1]

**Wireless Anywhere**

- Wireless speeds of up to 1200 Mbps[2]
- Increased speed, range, and reliability with the 802.11ac wireless standard over 802.11n
- Create a wireless Internet connection by simply plugging in a mobile broadband USB adaptor
- Can be installed almost anywhere for true mobile wireless networking
- Improved signal strength with high-gain wireless antennas

**Automatic WAN Failover for Reliable Internet**

- Supports WAN failover for an uninterrupted Internet connection if your fixed broadband fails
- Use 3G/4G as your primary Internet connection with wired WAN Internet for redundancy, or have 3G/4G as a backup for your wired connection

The DWR-118 Wireless AC1200 Dual Band Multi-WAN Router allows you to connect a 3G or 4G LTE USB adapter for mobile broadband connectivity. The incoming connection is then shared via a Wireless AC network, allowing you to set up a wireless network almost anywhere that you have a 3G or 4G broadband signal.

## Maximum Portability

The D-Link Wireless AC1200 Dual Band Multi-WAN Router allows users to access and share mobile broadband worldwide. Simply insert a compatible 4G USB adapter and share your Internet connection through a secure, high-speed wireless network. Enjoy increased speed and range over traditional 802.11b/g/n standards with the latest Wireless AC technology.

## Reliable, Uninterrupted Internet Connection

A Gigabit Ethernet WAN port allows you to attach a DSL/cable modem as the primary or backup link, while auto-failover ensures an uninterrupted connection by automatically connecting to your 3G/4G LTE network whenever the WAN link is lost. The built-in QoS management feature also prioritizes traffic to ensure that the most important data receives optimum bandwidth.

## Fast Wireless Speeds

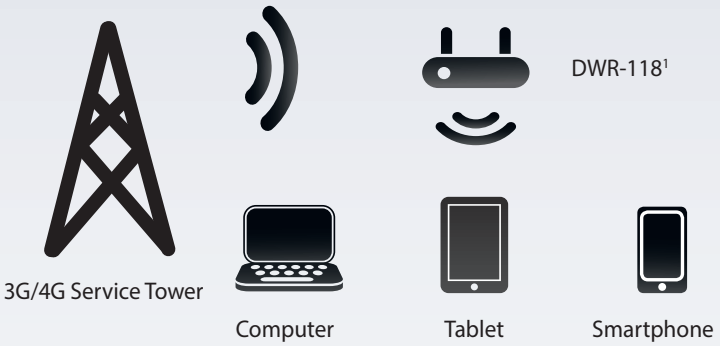
The DWR-118 supports high-speed 4G LTE mobile broadband technology[1], allowing you to achieve blazing fast mobile broadband speeds. In addition to this, the Wireless AC1200 Dual Band Multi-WAN Router's AC technology means that you can connect wireless clients to the router at combined Wireless speeds of up to 1200 Mbps[2], with the enhanced range and reliability of the 802.11ac wireless standard.

# DWR-118 Wireless AC1200 Dual Band Multi-WAN Router

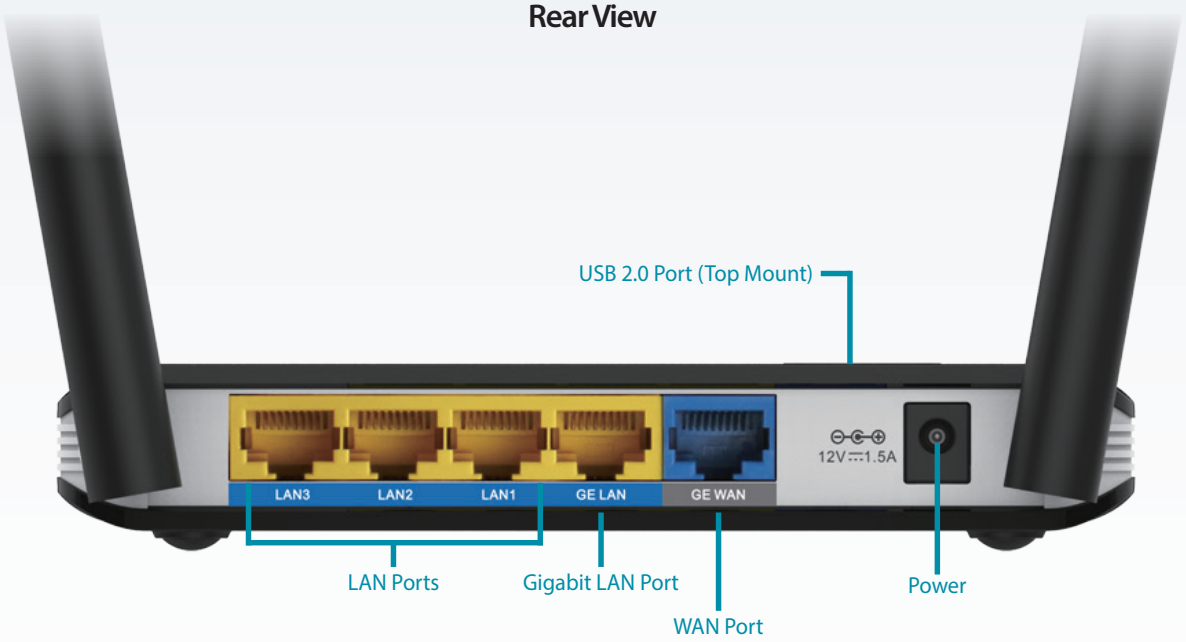
## Easy to Install for Any Application

The Wireless AC1200 Dual Band Multi-WAN Router can be installed quickly and easily almost anywhere. The intuitive setup wizard will get you set up and connected in no time. This router is great for situations where an impromptu wireless network is required, or where conventional wired network access is unavailable. The DWR-118 can even be installed on buses, trains, or boats, allowing passengers to access the Internet while commuting.

## Example Use Case




## Rear View




## Technical Specifications

### General

| | | |
|---|---|---|
| Device Interfaces | • 1 x Gigabit Ethernet LAN port<br>• 3 x Fast Ethernet LAN ports | • 1 x Fast Ethernet WAN port<br>• 1 x USB 2.0 port for cellular modems |
| LED Status Indicators | • Power<br>• Internet<br>• WLAN (2.4 GHz & 5 GHz) | • WAN<br>• LAN<br>• USB |
| Antennas | • 2 x external 5 dBi antennas | |
| Compatible Mobile Networks[1] | • EV-DO/CDMA | • 4G LTE/HSPA+/HSUPA/HSDPA/UMTS/EDGE/GSM |
| Standards | • IEEE 802.11b<br>• IEEE 802.11g<br>• IEEE 802.11n | • IEEE 802.11ac<br>• IEEE 802.3<br>• IEEE 802.3u |
| Wi-Fi Data Rates[2] | • 5 GHz AC Up to 866 Mbps | • 2.4 GHz N Up to 300 Mbps |
| Wireless Security Features | • 64/128-bit WEP<br>• WPA & WPA2 | • WPS |
| Firewall | • Network Address Translation (NAT)<br>• Stateful Packet Inspection (SPI) | • MAC address filtering<br>• Website filtering |
| VPN | • L2TP/PPTP/IPSec VPN passthrough | • PPTP/L2TP connection |
| Advanced Features | • 3G/4G LTE modem backup<br>• QoS management | • Auto WAN failover<br>• Load sharing |

# DWR-118 Wireless AC1200 Dual Band Multi-WAN Router

| Physical | | |
|---|---|---|
| Dimensions | • 148.5 x 113.5 x 25 mm (5.85 x 4.47 x .98 inches) | |
| Weight | • 350 grams (12.35 ounces) | |
| Power | • Input: DC 12 V/1.0 A +/- 5% | |
| Temperature | • Operating: 0 to 40 °C (32 to 104 °F) | • Storage: -20 to 65 °C (-4 to 149 °F) |
| Humidity | • Operating: 10% to 95% non-condensing | • Storage: 5% to 95% non-condensing |
| Certifications | • CE<br>• RoHS Certified | • Wi-Fi Certified |

| Order Information | |
|---|---|
| *Part Number* | *Description* |
| DWR-118 | Wireless AC1200 Dual Band Multi-WAN Router |

[1] Requires compatible USB adaptor and subscription from a wireless service provider.

[2] Maximum wireless signal rate derived from IEEE Standard 802.11g, 802.11n, and 802.11ac specifications when used with related Wireless AC devices. 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 AC product from D-Link.

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