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D-Link DWR-M920

D-Link DWR-M920 N300 4G LTE Router Instruction Manual

Model: DWR-M920

1. INTRODUCTION

The D-Link DWR-M920 N300 4G LTE Router provides access to and sharing of your 4G LTE mobile broadband connection. This device enables users to transfer data, stream media, and send SMS messages by simply inserting a SIM/USIM card. It facilitates sharing of your 4G LTE Internet connection through a high-speed wireless network or via its three Ethernet ports. The DWR-M920 supports both wired broadband internet through its built-in WAN port and wireless 3G/4G broadband using a SIM card. It also features failover functionality, automatically switching to mobile broadband if the wired broadband connection is lost, ensuring an uninterrupted internet experience.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- D-Link DWR-M920 N300 4G LTE Router
- Power Adapter
- Ethernet Cable
- Two (2) Detachable 3G/4G Antennas
- Quick Installation Guide

If any of the above items are missing or damaged, please contact your local D-Link reseller.

3. HARDWARE OVERVIEW

The DWR-M920 router features various ports, indicators, and buttons for its operation. Familiarize yourself with these components before setup.

- **Power Port:** Connects to the included power adapter.
- **WAN Port:** Connects to a wired broadband modem (e.g., DSL/Cable modem) for internet access.
- **LAN Ports (x3):** Connects to wired devices such as computers, gaming consoles, or network storage.
- **SIM Card Slot:** Insert your 3G/4G SIM/USIM card here.
- **Antenna Connectors (x2):** Attach the provided 3G/4G antennas for mobile broadband reception.
- **Reset Button:** Used to restore the router to factory default settings.

- **WPS Button:** For easy and secure wireless connection setup with WPS-compatible devices.
- **LED Indicators:** Display status for Power, Internet, Wi-Fi, LAN, and 4G LTE signal strength.

Note: No relevant product images were provided for this manual.

4. SETUP

4.1 Initial Hardware Setup

1. **Insert SIM Card:** With the router powered off, carefully insert your 3G/4G SIM/USIM card into the designated SIM card slot until it clicks into place. Ensure the card is oriented correctly.
2. **Attach Antennas:** Screw the two detachable 3G/4G antennas onto their respective connectors at the back of the router. Adjust them for optimal signal reception.
3. **Connect Power:** Connect the included power adapter to the router's power port and then plug it into a power outlet. The Power LED should illuminate.
4. **Power On:** Press the power button (if available) or wait for the router to boot up automatically.

4.2 Wired Connection

To connect a computer or other wired device:

1. Connect one end of the Ethernet cable to a LAN port on the DWR-M920 router.
2. Connect the other end of the Ethernet cable to the Ethernet port on your computer or device.

4.3 Wireless Connection

To connect wirelessly:

1. On your wireless device (laptop, tablet, smartphone), search for available Wi-Fi networks.
2. Select the Wi-Fi network name (SSID) printed on the label at the bottom of your DWR-M920 router.
3. Enter the Wi-Fi password (WPA/WPA2 Key) also found on the router's label.

4.4 WAN/Failover Setup

The DWR-M920 supports both 4G LTE and wired WAN connections, with automatic failover. To use a wired WAN connection:

1. Connect an Ethernet cable from your wired broadband modem (e.g., DSL/Cable modem) to the WAN port on the DWR-M920 router.
2. Access the router's web interface (see Section 5.2) to configure the WAN settings and enable the failover feature if desired.

5. OPERATING

5.1 Basic Operation

Once powered on and connected, the router will attempt to establish a 4G LTE connection using the inserted SIM card. The LED indicators will show the status of the connection. A solid green Internet LED typically indicates a successful connection.

5.2 Web Interface Access

To configure advanced settings, access the router's web-based management interface:

1. Open a web browser (e.g., Chrome, Firefox, Edge) on a device connected to the router (wired or wireless).

2. In the address bar, type the router's default IP address (usually 192.168.0.1 or 192.168.1.1) and press Enter. Refer to the router's label or Quick Installation Guide for the exact IP address.
3. Enter the default username and password. These are typically admin for both, or found on the router's label.
4. Upon successful login, you will be presented with the router's configuration dashboard.

5.3 Network Settings

Within the web interface, you can configure various network settings:

- **Wi-Fi Settings:** Change SSID, password, security type (WPA2 recommended), and Wi-Fi channel.
- **LAN Settings:** Modify the router's IP address, DHCP server settings.
- **WAN Settings:** Configure wired WAN connection details (if applicable) and failover options.
- **4G LTE Connection:** Monitor connection status, signal strength, and configure APN settings if required by your mobile carrier.

6. MAINTENANCE

6.1 Firmware Updates

Regularly check for and install firmware updates to ensure optimal performance, security, and access to new features. Firmware updates can typically be found on the D-Link support website for your specific model.

6.2 Factory Reset

If you encounter persistent issues or forget your login credentials, you can perform a factory reset:

1. With the router powered on, use a paperclip or a thin object to press and hold the Reset button for approximately 10 seconds.
2. Release the button when the Power LED starts blinking.
3. The router will restart with all settings restored to their factory defaults.

6.3 Cleaning

Clean the router's exterior with a soft, dry cloth. Avoid using liquid cleaners or aerosols.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

- **No Internet Connection:**
 - Check if the SIM card is properly inserted and activated.
 - Verify 4G LTE signal strength via the LED indicators or web interface.
 - Ensure APN settings are correct for your mobile carrier.
 - If using wired WAN, check cable connections and modem status.
 - Restart the router and your connected devices.
- **Cannot Access Web Interface:**
 - Ensure your device is connected to the router (wired or wireless).
 - Verify you are using the correct IP address (e.g., 192.168.0.1).
 - Try a different web browser.
 - Temporarily disable any firewall or antivirus software on your computer.

• Slow Wireless Speed:

- Ensure antennas are properly attached and positioned.
- Reduce distance between your device and the router.
- Check for interference from other electronic devices.
- Change the Wi-Fi channel in the router's settings.

8. SPECIFICATIONS

Model	DWR-M920
Wireless Standard	2.4GHz up to 300Mbps (N300)
LTE Downlink Speed	Up to 150Mbps
LTE Uplink Speed	Up to 50Mbps
LAN Ports	3 x 10/100Mbps Ethernet
WAN Port	1 x 10/100Mbps Ethernet
Antennas	2 x Detachable 3G/4G Antennas
SIM Card Slot	Standard SIM/USIM
Dimensions (W x D x H)	192mm x 118mm x 31mm
Operating System Compatibility	Windows (for configuration access)
UPC	790069468049

9. SAFETY INFORMATION

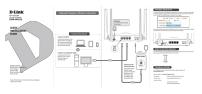
- Do not open the device casing.
- Do not expose the device to water, moisture, or extreme temperatures.
- Use only the power adapter provided with the device.
- Ensure proper ventilation around the device to prevent overheating.
- Keep the device away from direct sunlight and heat sources.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official D-Link website. D-Link provides various support resources, including FAQs, firmware downloads, and contact information for technical assistance.

D-Link Support Website: www.dlink.com/support

Related Documents - DWR-M920

	<p>D-Link DWR-M921 4G LTE Router Quick Installation Guide</p> <p>Comprehensive quick installation guide for the D-Link DWR-M921 4G LTE Router. Learn how to set up hardware, configure network settings, troubleshoot common issues, and find technical support information. Includes details on SIM card insertion, power adapter connection, and network access.</p>
	<p>How to Factory Reset D-Link DWR-930M 4G LTE Mobile Router</p> <p>Step-by-step guide on how to perform a factory reset on the D-Link DWR-930M 4G LTE Mobile Router using the GUI, the D-Link Mobile Connect app, or a hard reset.</p>
	<p>D-Link DWR-953V2 LTE Cat4 Wi-Fi AC1200 Router Quick Installation Guide</p> <p>This guide provides instructions for setting up and configuring the D-Link DWR-953V2 LTE Cat4 Wi-Fi AC1200 Router, including package contents, system requirements, hardware overview, installation steps, technical specifications, and safety information.</p>
	<p>D-Link DWR-932 LTE Mobile Router User Manual</p> <p>Comprehensive user manual for the D-Link DWR-932 LTE Mobile Router, detailing product features, installation steps, configuration options, troubleshooting, and technical specifications for high-speed mobile internet connectivity.</p>
	<p>D-Link DWR-932 4G/LTE Mobile Router User Manual</p> <p>Comprehensive user manual for the D-Link DWR-932 4G/LTE Mobile Router, detailing setup, configuration, features, and troubleshooting for high-speed portable internet access.</p>
	<p>D-Link DWR-M955X Quick Installation Guide</p> <p>A concise guide to installing and setting up the D-Link DWR-M955X Wi-Fi 6 AX1500 4G Cat4 LTE Router using the D-Link Wi-Fi app or a web browser.</p>