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Winegard GW-1000

Winegard GW-1000 Gateway 4G LTE WiFi Router Instruction Manual

Model: GW-1000 | Brand: Winegard

1. INTRODUCTION

The Winegard GW-1000 Gateway is an essential add-on component designed to enhance the connectivity capabilities of your existing Winegard Air 360+ antenna system. This device transforms your Air 360+ into a powerful 4G LTE router and WiFi extender, providing reliable internet access for your recreational vehicle (RV).

The Gateway enables you to utilize cellular data plans for internet access while traveling or parked, and extends existing WiFi signals, ensuring a connected experience on the road. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting.

2. SAFETY INFORMATION

- Ensure all power sources are disconnected before beginning installation or maintenance.
- Follow all local and national electrical codes during installation.
- Do not expose the device to extreme temperatures, moisture, or direct sunlight for prolonged periods.
- Only use the power cable and hardware supplied by Winegard or approved by the manufacturer.
- Keep the device away from flammable materials.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Winegard Gateway 4G LTE WiFi Router (GW-1000)
- Mounting Plate
- Installation Hardware
- Power Cable
- Printed Documentation

4. SETUP

4.1. Installation

The Winegard GW-1000 Gateway is designed for a simple DIY installation directly onto your RV ceiling, positioned underneath the Winegard Air 360+ antenna. The Air 360+ antenna is required for the Gateway to function and is sold separately or may be pre-installed by your RV manufacturer.

1. Locate the ceiling cap directly beneath your Winegard Air 360+ antenna inside your RV.
2. Carefully remove the ceiling cap to expose the wiring.
3. Attach the necessary wires from the Gateway to the corresponding connections. Refer to the detailed wiring diagram in the included printed documentation for specific connections.
4. Secure the Gateway unit using the provided mounting plate and installation hardware. Ensure it is firmly attached to the RV ceiling.

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Image: The Winegard GW-1000 Gateway being installed on an RV ceiling, showing the connection points.



Image: The Winegard GW-1000 Gateway shown alongside the Winegard Air 360+ antenna, illustrating their intended combined use for RV connectivity.

4.2. SIM Card Installation

The Gateway supports cellular data connectivity via SIM cards. It features multiple SIM card slots for flexibility with various carriers.

1. Locate the SIM card slots on the underside of the Gateway unit.
2. Insert your activated SIM card (from Winegard FreedomGO, Verizon, AT&T, or T-Mobile) into an available slot. Ensure the SIM card is correctly oriented as indicated on the device.
3. Gently push the SIM card until it clicks into place.



Image: View of the Winegard GW-1000 Gateway's underside, revealing the SIM card slots and internal components for installation.

4.3. Power Connection

Connect the provided power cable to the Gateway and to a compatible DC power source (9-16V, 1A).

Consider whether you want the unit to be always on or controlled by a separate power switch. Some RVs may share power lines with other equipment, which could affect the use of an external switch.

5. OPERATING INSTRUCTIONS

5.1. Initial Power-Up and Configuration

Once installed and powered, the Gateway will initiate. You can configure and manage its settings using the Winegard app.

5.2. 4G LTE Connectivity

The Gateway utilizes the inserted SIM card to provide 4G LTE internet access. It supports a maximum download speed of 150 Mbps. Ensure your SIM card has an active data plan from a supported carrier (Winegard FreedomGO, Verizon, AT&T, T-Mobile) for cellular internet access.



Image: An RV in a scenic outdoor setting, accompanied by logos of supported cellular carriers (AT&T, T-Mobile, Verizon, Winegard FreedomGO), highlighting the flexible nationwide coverage options.

5.3. WiFi Extender Functionality

The Gateway can extend existing WiFi networks, allowing you to connect to campground WiFi or other available networks and rebroadcast them within your RV. This feature helps improve signal strength and coverage.

5.4. Wireless Security

The device supports WPA, WPA2, and WPA mixed wireless security protocols to protect your network. It also features WPS (Wi-Fi Protected Setup) for easy connection of compatible devices.

5.5. Winegard App

Download the free Winegard app to manage your Gateway settings, monitor data usage, switch between cellular and WiFi sources, and access other features. The app provides a user-friendly interface for controlling your RV's connectivity.



Image: A smartphone screen displaying the Winegard app interface, used for managing the Gateway's connectivity features.

6. MAINTENANCE

- Keep the Gateway unit clean and free from dust. Use a soft, dry cloth for cleaning.
- Periodically check for firmware updates through the Winegard app or website to ensure optimal performance and security.
- Ensure all cable connections are secure and free from damage.

7. TROUBLESHOOTING

If you encounter issues with your Winegard GW-1000 Gateway, refer to the following common troubleshooting steps:

- **No Internet Connectivity:**
 - Verify that your SIM card is properly inserted and has an active data plan.
 - Check the signal strength indicator in the Winegard app.
 - Ensure all antenna wires are securely connected to the Gateway.
 - Restart the Gateway unit by cycling its power.
- **Frequent Disconnections or Freezing:**
 - Perform a power cycle (turn off, wait 30 seconds, then turn on).
 - Check for and install any available firmware updates.
 - Ensure the device is not overheating and has adequate ventilation.
- **SIM Card Not Recognized:**
 - Remove and reinsert the SIM card, ensuring correct orientation.
 - Try the SIM card in a different slot if available.
 - Confirm the SIM card is activated and compatible with the Gateway.

For persistent issues, contact Winegard customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Model Name	Gateway
Item Model Number	GW-1000
Wireless Type	802.11b, 802.11g, 802.11n
Frequency Band Class	Single-Band
Max 4G LTE Speed	150 Mbps download
Wireless Security	WPA, WPA2, WPA mixed
Special Feature	WPS

Connectivity Technology	4G, Ethernet, Wi-Fi
Operating System	Linux
Power Rating	DC 9-16V, 1A
Item Weight	1.38 pounds
Product Dimensions (LxWxH)	8.13 x 8.13 x 1.68 inches
Color	White

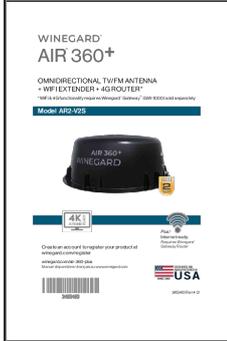
9. WARRANTY AND SUPPORT

The Winegard GW-1000 Gateway is covered by a manufacturer's warranty. Please refer to the included warranty documentation for specific terms and conditions. For technical support, product inquiries, or warranty claims, please contact Winegard customer service directly.

Visit the official Winegard website for the latest support resources, FAQs, and contact information.

Related Documents - GW-1000

	<p>Winegard Gateway GW-1000 4G LTE WiFi Router User Manual</p> <p>The Winegard Gateway GW-1000 is a 4G LTE WiFi router designed for RVs, requiring a Winegard Air 360+ antenna for use. This user manual provides comprehensive instructions for installation, web and app-based operation, SIM card swapping, troubleshooting, and product specifications, ensuring reliable internet connectivity on the go.</p>
	<p>Winegard Air 360 Plus Quick Start Guide: HDTV, WiFi, and 4G LTE Connectivity</p> <p>Get started quickly with the Winegard Air 360 Plus omnidirectional antenna system. This guide covers operation, channel scanning, and compatibility with the Winegard Gateway for enhanced RV connectivity, including WiFi and 4G LTE.</p>
	<p>Winegard Gateway & Gateway Pro User Guide</p> <p>User guide for the Winegard Gateway and Gateway Pro models GW-1000 and GW-PRO1, detailing installation, setup, web operation, SIM swapping, cellular settings, and RV Halo app integration for 4G LTE WiFi routers.</p>

 <p>WINEGARD® Gateway & Gateway Pro</p> <p>Star Gate RV HALO 4G LTE</p> <p>4G LTE</p> <p>USA</p>	<p>Winegard Gateway & Gateway Pro User Guide</p> <p>Comprehensive user guide for the Winegard Gateway and Gateway Pro models (GW-1000, GW-PRO1), detailing installation, setup, web operation, SIM card management, and connectivity options for RV users.</p>
 <p>WINEGARD® AIR 360+ OMNIDIRECTIONAL TV/FM ANTENNA + WiFi EXTENDER + 4G ROUTER</p> <p>Model AIR-360</p> <p>4K</p> <p>USA</p>	<p>Winegard AIR 360+ Omnidirectional TV/FM Antenna, WiFi Extender, and 4G Router Installation Guide</p> <p>This guide provides comprehensive instructions for installing and operating the Winegard AIR 360+ Omnidirectional TV/FM Antenna, which also functions as a WiFi Extender and 4G LTE Router. It covers product specifications, parts included, installation steps for the antenna and optional Gateway, operation, troubleshooting, and warranty information.</p>
 <p>WINEGARD® Gateway</p> <p>4G LTE WiFi ROUTER AIR™ 360+ ANTENNA REQUIRED FOR USE</p> <p>USA</p>	<p>Winegard Gateway GW-1000 4G LTE WiFi Router User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the Winegard Gateway GW-1000 4G LTE WiFi Router, detailing setup, operation, network configuration, troubleshooting, specifications, and warranty information.</p>