

Vimar 19597.B

Vimar 19597.B Arké IoT Bluetooth Wi-Fi Gateway User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the Vimar 19597.B Arké IoT Bluetooth Wi-Fi Gateway. This device serves as the central hub for integrating, configuring, and supervising your Vimar VIEW Wireless smart home system. It enables control and monitoring of connected devices via a cloud service and dedicated mobile applications on smartphones and tablets. The gateway operates on a 100-240V 50/60Hz power supply and is designed as a 2-module unit for seamless integration into your electrical system.

2. PRODUCT OVERVIEW

The Vimar 19597.B Gateway is a key component of the VIEW Wireless system, offering advanced connectivity and control features. Its primary functions include:

- **IoT Connectivity:** Facilitates communication between VIEW Wireless devices and the cloud.
- **Bluetooth & Wi-Fi:** Utilizes both Bluetooth Mesh for local device communication and Wi-Fi for internet connectivity.
- **App Control:** Allows users to monitor and manage their smart home devices through the Vimar View app.
- **Voice Assistant Integration:** Compatible with popular voice assistants such as Amazon Alexa, Google Assistant, and Apple Siri for convenient control.
- **Modular Design:** A 2-module unit suitable for flush-mounted and wall-mounted installations within the Arké civil series.



Figure 2.1: Front view of the Vimar 19597.B Arké IoT Bluetooth Wi-Fi Gateway. This image shows the compact white module with Bluetooth and Wi-Fi symbols, an indicator light, and a control button.

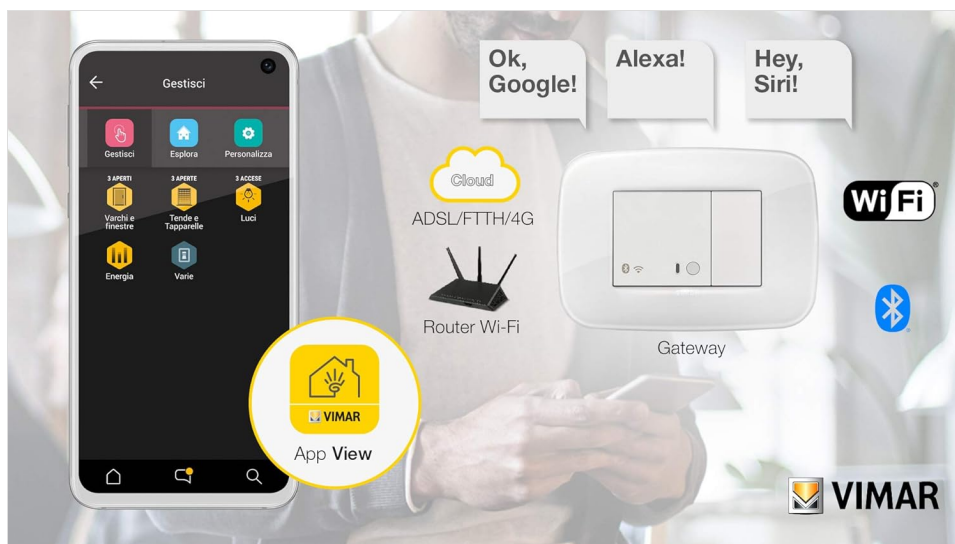


Figure 2.2: Diagram illustrating the Vimar Gateway's role in a smart home system. It shows the gateway connecting to a Wi-Fi router and the cloud, enabling control via the Vimar View App and voice assistants like Alexa, Google, and Siri.



Figure 2.3: A user in a kitchen environment, demonstrating the seamless integration of the Vimar smart home system into

daily life, with the gateway and app control.



Figure 2.4: An image depicting the "VIEW IoT smart life" ecosystem, showcasing a smartphone displaying the Vimar app interface alongside a Vimar smart switch, emphasizing mobile control.

3. SETUP

Proper installation and configuration are crucial for the optimal performance of your Vimar 19597.B Gateway. It is recommended that installation be performed by a qualified electrician.

3.1. Physical Installation

1. **Power Supply:** Ensure the gateway is connected to a stable 100-240V 50/60Hz power source.
2. **Mounting:** Install the 2-module gateway into a compatible flush-mounted or wall-mounted box within your electrical system.
3. **Wiring:** Follow the wiring diagrams provided with your specific Vimar Arké series installation components.

Note: The physical dimensions of the gateway are approximately 4.9 x 4.47 x 4.78 cm. Ensure adequate space within the mounting box, especially if other cables are present, as some users have reported challenges with fitting the unit into existing crowded boxes.

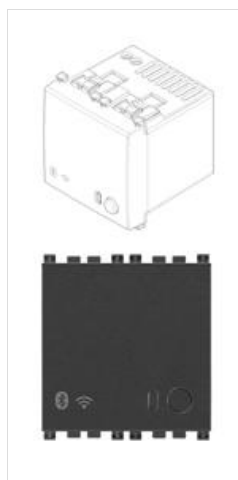


Figure 3.1: A line drawing illustrating the Vimar Gateway module, useful for understanding its physical form factor during installation.

3.2. Initial Configuration (App-based)

1. **Download App:** Download the "Vimar View Wireless" application from your smartphone's app store (available for iOS and Android).

2. Gateway Pairing:

- Open the "Vimar View Wireless" app and follow the on-screen instructions to add a new gateway.
- The gateway connects to your home Wi-Fi network. Ensure your Wi-Fi router is operational and within range.
- The app will guide you through connecting the gateway to your home Wi-Fi and then establishing a Bluetooth Mesh connection with other VIEW Wireless devices.

3. **Device Integration:** Once the gateway is configured, use the app to discover and integrate other Vimar VIEW Wireless devices (e.g., relays, shutter actuators, dimmers) into your smart home system.

Important: Some users have experienced difficulties with initial configuration using iOS devices, with the app occasionally freezing. If you encounter such issues, attempting the configuration with an Android device may resolve the problem. For detailed tutorials and troubleshooting, refer to the official Vimar support website: faideate.vimar.com.



Figure 3.2: A smartphone displaying the Vimar View application interface, which is used for configuring and managing smart home devices.

4. OPERATING INSTRUCTIONS

After successful setup, you can manage your VIEW Wireless system using the Vimar View app and integrated voice assistants.

4.1. Using the Vimar View App

The "Vimar View" app (distinct from "Vimar View Wireless" used for initial setup) allows daily management of your smart home devices:

- **Device Control:** Turn lights on/off, adjust dimmers, open/close shutters, and control other connected devices.
- **Scenario Management:** Create and activate custom scenarios (e.g., "Good Morning" scene to open blinds and turn on lights).
- **Monitoring:** View the status of your devices and potentially monitor energy consumption (if supported by connected devices).



Figure 4.1: A smartphone displaying various screens of the Vimar View app, demonstrating its comprehensive control and monitoring capabilities for a smart home.

4.2. Voice Assistant Integration

The Vimar Gateway supports integration with major voice assistants:

- **Amazon Alexa:** Enable the Vimar skill in the Alexa app. You can then use voice commands like "Alexa, turn on the living room lights."
- **Google Assistant:** Link your Vimar account through the Google Home app. Use commands such as "Hey Google, set the bedroom temperature to 22 degrees."
- **Apple Siri (HomeKit):** For HomeKit compatibility, scan the provided QR code (if available) to add devices to the Apple Home app. Control devices with Siri commands like "Hey Siri, close the blinds."

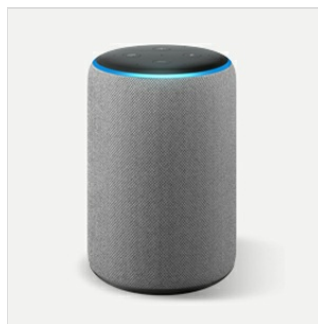


Figure 4.2: An Amazon Alexa smart speaker, representing the voice control capabilities of the Vimar Gateway.

5. MAINTENANCE

The Vimar 19597.B Gateway is designed for reliable operation with minimal maintenance. However, adhering to these guidelines can ensure long-term performance:

- **Cleaning:** Gently wipe the surface of the gateway with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Firmware Updates:** Regularly check the Vimar View app for available firmware updates for the gateway and connected devices. Updates often include performance improvements and security enhancements.
- **Network Stability:** Ensure your home Wi-Fi network remains stable and secure. A strong Wi-Fi signal is essential for consistent cloud connectivity.
- **Environmental Conditions:** Operate the gateway within its specified environmental conditions (temperature, humidity) to prevent damage.

6. TROUBLESHOOTING

If you encounter issues with your Vimar 19597.B Gateway, refer to the following common troubleshooting steps:

6.1. Gateway Not Connecting to Wi-Fi/Cloud

- **Check Router:** Ensure your Wi-Fi router is powered on and functioning correctly.
- **Signal Strength:** Verify that the gateway is within adequate range of your Wi-Fi router. Obstacles like thick walls can reduce signal strength.
- **Network Credentials:** Double-check that the Wi-Fi network name (SSID) and password entered during setup are correct.
- **Restart:** Try restarting both your Wi-Fi router and the Vimar Gateway (by temporarily cutting power).

6.2. Issues with App Configuration (iOS)

- Some users have reported initial configuration difficulties with iOS devices, including app freezing. If this occurs, try the following:
 - Ensure your iOS device and the Vimar View Wireless app are updated to the latest versions.
 - Attempt the initial setup process using an Android device if available.
 - Contact Vimar technical support for specific guidance.

6.3. Inconsistent Voice Assistant Control (Alexa)

- **Skill Enabled:** Confirm that the Vimar skill is correctly enabled and linked in your Alexa app.
- **Device Naming:** Ensure consistent and simple names for your devices in the Vimar View app, and then re-discover devices in the Alexa app.
- **Network Stability:** Voice assistant commands rely on stable internet connectivity for both the gateway and the voice assistant device.

6.4. Bluetooth Device Range Limitations

- The Bluetooth Mesh network has range limitations. If connected devices are far from the gateway or on different floors, you may experience connectivity issues.
- Consider adding additional Vimar gateways or compatible range extenders to expand the Bluetooth Mesh coverage if necessary.

6.5. App Confusion (Vimar View Wireless vs. Vimar View)

- Remember that "Vimar View Wireless" is primarily for initial setup and configuration of the system.
- "Vimar View" is the application intended for daily management and control of your smart home devices. Ensure you are using the correct app for the desired function.

7. SPECIFICATIONS

Feature	Detail
Brand	Vimar
Model Number	19597.B

Feature	Detail
Connectivity	IoT, Bluetooth, Wi-Fi
Power Supply	100-240V 50/60Hz
Dimensions (L x W x H)	4.9 x 4.47 x 4.78 cm
Weight	60 grams
Color	White
Modules	2 modules
Compatibility	VIEW Wireless system, Vimar View App, Amazon Alexa, Google Assistant, Apple Siri (HomeKit)
Manufacturer	Vimar
Country of Origin	Italy

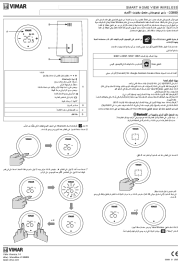



8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official Vimar website or the documentation included with your product at the time of purchase. Vimar provides support and resources to assist with product usage and troubleshooting.

- **Online Tutorials and Instructions:** Visit faidate.vimar.com for a wealth of instructions and tutorials.
- **Customer Service:** Contact Vimar customer support for technical assistance or service inquiries. Refer to the Vimar website for contact details specific to your region.

Related Documents - 19597.B

	<p>VIMAR ARKÉ 19597: Connected IoT Gateway 2M Grey - Technical Specifications and Overview</p> <p>Detailed overview of the VIMAR ARKÉ 19597, a 2-module grey connected IoT Bluetooth Wi-Fi gateway for VIEW Wireless systems. Includes technical specifications, certifications, packaging details, and installation information.</p>
	<p>Vimar Smart Home View Wireless 03989: Vernetzter IoT-Thermostatkopf</p> <p>Der Vimar Smart Home View Wireless 03989 ist ein vernetzter IoT-Thermostatkopf zur intelligenten Heizungssteuerung. Erfahren Sie mehr über Installation, Konfiguration und Steuerung per App und Sprachassistenten.</p>

	<p>VIMAR 03989 SMART HOME VIEW WIRELESS دليل المستخدم</p> <p>رأس ترموستاتي ذكي للتحكم VIMAR 03989 SMART HOME VIEW WIRELESS، دليل المستخدم لجهاز View Wireless. في درجة حرارة الغرفة عبر البلوتوث وتطبيق يشمل التركيب، التهيئة، والاستخدام مع. المساعدات الصوتية.</p>
	<p>Vimar Gateway View Wireless: Bluetooth & Wi-Fi Smart Home Hub</p> <p>Comprehensive guide to the Vimar Gateway View Wireless, a smart home hub integrating Bluetooth and Wi-Fi for device control, configuration, and voice assistant compatibility (Alexa, Google Assistant, Siri, HomeKit). Details features, operation, installation, and compliance.</p>
	<p>VIMAR NEVE UP 09597 IoT Connected Gateway: Installation Guide and Specifications</p> <p>Comprehensive installation guide and technical specifications for the VIMAR NEVE UP 09597 IoT connected gateway. Learn about setup, features, compliance, and download further documentation.</p>
	<p>Vimar 46243.030B Battery-Powered Wi-Fi PT Camera Quick Guide</p> <p>Quick guide for the Vimar 46243.030B battery-powered Wi-Fi PT camera, covering package contents, installation, setup, specifications, and compliance information.</p>