

## Vimar 19593

# Vimar 19593 Arké Connected IoT Actuator User Manual

Wireless Actuator with Relay Output, Bluetooth 5.0 & Zigbee 3.0

## 1. INTRODUCTION

The Vimar 19593 Arké Connected IoT Actuator is an electronic control device designed for smart home environments. It features a NO 16 A relay output and supports dual IoT technology: Bluetooth 5.0 for the Vimar VIEW wireless mesh system and Zigbee 3.0 for broader compatibility. This actuator allows for both local control via a physical button and remote control through dedicated applications. It also includes instantaneous power measurement and energy consumption monitoring capabilities, along with an RGB LED for status indication and adjustable intensity.

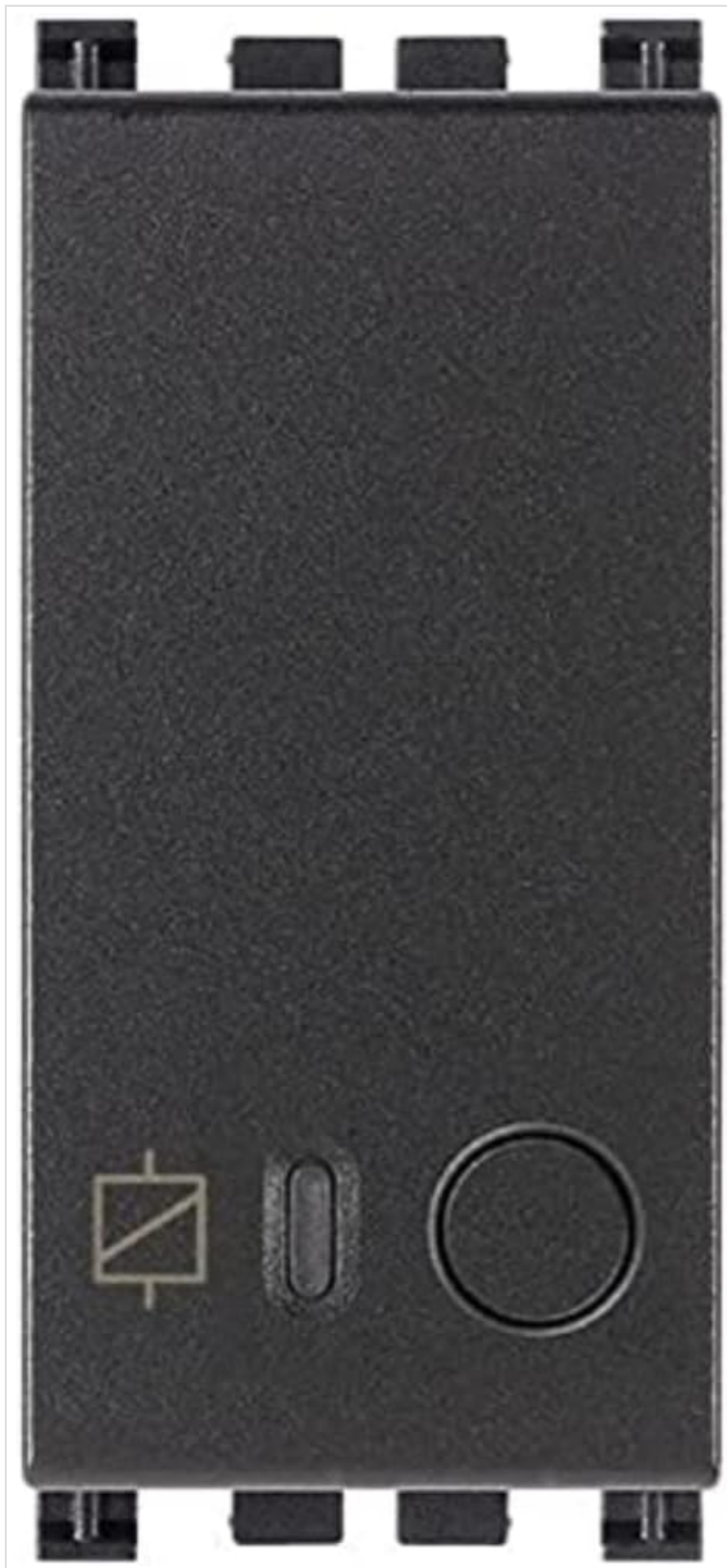
This manual provides essential information for the safe installation, operation, and maintenance of your Vimar 19593 Arké Connected IoT Actuator.

## 2. SAFETY INFORMATION

- **Electrical Installation:** Installation must be performed by qualified personnel in compliance with local electrical codes and regulations.
- **Power Supply:** Ensure the power supply (100-240 V ~ 50/60 Hz) matches the device specifications before installation.
- **Disconnect Power:** Always disconnect power at the main circuit breaker before performing any installation, wiring, or maintenance.
- **Indoor Use Only:** This device is intended for indoor use in dry environments. Do not expose to moisture or extreme temperatures.
- **Avoid Overload:** Do not exceed the maximum load rating of 16 A for the relay output.
- **Children and Pets:** Keep the device and its components out of reach of children and pets.

## 3. PRODUCT OVERVIEW

The Vimar 19593 Arké Connected IoT Actuator is a compact module designed for integration into standard electrical systems. It features a physical button for local control and pairing, and an RGB LED indicator for status feedback.



**Figure 1:** Front view of the Vimar 19593 Arké Connected IoT Actuator. It is a dark gray rectangular module with a small indicator light and a circular button at the bottom.



**Figure 2:** Close-up of the actuator showing a symbol for wireless connectivity and the control button.

### Key Components:

- **Control Button:** Used for local ON/OFF control and initiating the pairing process.
- **RGB LED Indicator:** Provides visual feedback on device status, pairing mode, and can be adjusted for intensity.
- **Relay Output:** Connects to the load (e.g., lights, appliances) for switching ON/OFF.
- **Wireless Modules:** Integrated Bluetooth 5.0 and Zigbee 3.0 for smart home connectivity.

## 4. SETUP

### 4.1 Physical Installation

1. **Disconnect Power:** Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Wiring:** Connect the actuator according to the provided wiring diagram (typically found on the device itself or in the packaging). Ensure correct connection of live, neutral, and load wires to the appropriate terminals. This device is designed for modular, flush-mounted, or wall-mounted installations.
3. **Secure Device:** Mount the actuator securely within the electrical box or housing.
4. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

### 4.2 App Installation and Pairing

The Vimar 19593 supports two primary wireless technologies for smart home integration: Bluetooth 5.0 (via Vimar VIEW Wireless app) and Zigbee 3.0 (via compatible Zigbee hubs and apps).



**Figure 3:** The Vimar VIEW App icon, used for managing the actuator.

1. **Download App:** Download the **Vimar VIEW Wireless** app from your device's app store (for Bluetooth control) or a compatible Zigbee hub app (e.g., Amazon Alexa app for Zigbee).
2. **Create Account:** Open the app and create an account if you don't already have one.
3. **Initiate Pairing Mode:** Press and hold the physical control button on the actuator for approximately 5 seconds. The RGB LED will begin to pulse blue, indicating it is in pairing mode.

4. **Add Device in App:** Follow the on-screen instructions in your chosen app to add a new device. The app should detect the Vimar 19593 actuator.
5. **Select Technology:** Within the Vimar VIEW Wireless app, you can switch between Bluetooth and Zigbee modes if needed. For Zigbee, ensure your Zigbee hub is also in pairing mode.
6. **Complete Setup:** Assign a name to your device and configure any initial settings as prompted by the app.

## 5. OPERATING INSTRUCTIONS

### 5.1 Local Control

- **ON/OFF:** Briefly press the physical control button on the actuator to toggle the connected load ON or OFF.

### 5.2 Remote Control via App

Once paired, you can control the actuator remotely using the Vimar VIEW Wireless app (for Bluetooth) or a compatible Zigbee app.



**Figure 4:** Example of the Vimar app interface showing energy monitoring for connected devices.

- **Toggle Load:** Open the app, select your Vimar 19593 actuator, and use the virtual button to switch the connected load ON or OFF.
- **Energy Monitoring:** The app provides real-time instantaneous power measurement and tracks consumed energy. This feature allows you to monitor the power usage of the connected appliance.
- **RGB LED Adjustment:** Adjust the intensity and potentially the color (if supported by the app) of the RGB LED indicator through the app settings.

### 5.3 Voice Control Integration

The actuator can be integrated with voice assistants through compatible smart home hubs (e.g., Amazon Alexa for Zigbee). Refer to your voice assistant's setup guide for integration steps.



**Figure 5:** Illustration of a smart plug (similar to actuator function) being controlled via voice commands and a smartphone app.

## 6. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the device. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the Vimar VIEW Wireless app for available firmware updates to ensure optimal performance and security. Follow the app's instructions for any update procedures.
- **Regular Checks:** Occasionally inspect the device for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

## 7. TROUBLESHOOTING

- **Device Not Responding:**
  - Check if the power supply is active.
  - Ensure the device is properly wired.
  - If using a Vimar Gateway, confirm it has an active internet (CLOUD) connection, as loss of connection may prevent operation.
- **Pairing Issues:**
  - Ensure the actuator's LED is pulsing blue, indicating pairing mode.
  - Verify your smartphone or Zigbee hub is within range.
  - If re-associating, you may need to switch the device to Bluetooth mode via the Vimar Arké app, then back to Zigbee. If this fails, temporarily remove power from the actuator and restore it to attempt a reset before re-pairing.
- **LED Not Functioning as Expected (Zigbee Hub):**
  - When associated with a generic Zigbee hub, direct control over the LED's function and color may be limited. The LED typically reflects the actuator's ON (blue) or OFF (off) state.

- **Power Consumption Readings Missing (Zigbee Hub):**
  - Some Zigbee integrations (e.g., ZHA) might not fully support reading power consumption data from this device. Verify compatibility with your specific Zigbee coordinator and integration.
- **Factory Reset:** To perform a factory reset, remove power from the device for a few seconds, then restore it. This may clear all pairing information.

## 8. SPECIFICATIONS

Manufacturer	Vimar
Model Number	19593
Product Dimensions	4.9 x 2.22 x 5.01 cm
Weight	40 grams
Color	Gray
Voltage	100-240 Volts AC
Frequency	50/60 Hz
Relay Output	NO 16 A
Wireless Technology	Bluetooth 5.0, Zigbee 3.0
Batteries Required	No
Country of Origin	Italy

## 9. WARRANTY

For information regarding the warranty period and terms for your Vimar 19593 Arké Connected IoT Actuator, please refer to the official Vimar website or the warranty documentation included with your purchase. Warranty policies may vary by region and retailer.

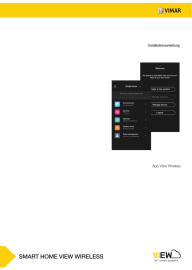


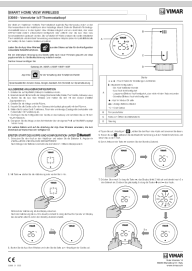


## 10. SUPPORT

For additional instructions, tutorials, and technical support, please visit the official Vimar support website:

[faidate.vimar.com](https://faidate.vimar.com)

You can also contact Vimar customer service directly for assistance with product inquiries, troubleshooting, or warranty claims.



	<p><a href="#">VIMAR View Wireless: Installationsanleitung für Ihr Smart Home System</a></p> <p>Umfassende Installationsanleitung für das VIMAR View Wireless Smart Home System. Erfahren Sie, wie Sie Geräte konfigurieren, vernetzen und verwalten für ein intelligentes Zuhause.</p>
	<p><a href="#">VIMAR 03986 Smart Home View Wireless Actuator: 0/1-10Vdc + IoT Relay Installation Guide</a></p> <p>Comprehensive guide for the VIMAR 03986 Smart Home View Wireless actuator. Learn about its 0/1-10Vdc output, 10A IoT relay, configuration via the View Wireless app, and applications for lighting dimming and fan coil control. Includes technical specifications and installation instructions.</p>
	<p><a href="#">VIMAR ARKÉ 19597: Connected IoT Gateway 2M Grey - Technical Specifications and Overview</a></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><a href="#">Vimar Smart Home View Wireless 03989: Vernetzter IoT-Thermostatkopf</a></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><a href="#">VIMAR 03983 SMART HOME VIEW WIRELESS 3-in-1out Relay Module: Technical Specification and User Guide</a></p> <p>Comprehensive technical specification and user guide for the VIMAR 03983 SMART HOME VIEW WIRELESS 3-in-1out relay module. Learn about its features, installation, configuration, and applications for smart home automation.</p>
	<p><a href="#">VIMAR 03983 Smart Home View Wireless IoT Relay Module: Features and Installation Guide</a></p> <p>A comprehensive guide to the VIMAR 03983 Smart Home View Wireless IoT Relay Module, detailing its features, technical specifications, configuration via the View Wireless app, and various application connections for smart home automation systems.</p>

