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# VIMAR 20597 IoT Connected Gateway 2M Gray Instruction Manual

**Contents**

**Gateway View Wireless Bluetooth® wireless technology 4.2 Wi-Fi, LED RGB, alimentazione 100-240 V 50/60 Hz – 2 moduli.**



The gateway is a Bluetooth technology Wi-Fi device designed to allow dialogue with wireless devices to permit the configuration, supervision, system diagnostics and its integration with voice assistants. It is the main device that manages the Bluetooth technology Mesh network and via the View Wireless App it receives the system configuration via Bluetooth technology.

The presence of wi-fi connectivity is required to allow the connection to the cloud  for supervision (local and remote) and for integrations with the Alexa, Google Assistant and Siri voice assistants.

It is also compatible with Apple Homekit.

The gateway has a front push button for configuration/reset and an RGB LED for indicating the device state.

## FEATURES.

- Rated supply voltage: 100-240 V~, 50/60

- Dissipated power: 9 W

- RF transmission power: < 100mW (20dBm)

- Frequency range: 2400-2483.5 MHz

- Terminals: 2 (L and N) for line and neutral

- 1 front push button for configuration and reset

- RGB LED indicating the device state

- Operating temperature: -10 ÷ +40 °C (indoor)

- Protection degree: IP20

- Configuration via View Wireless

- Controllable from VIEW App and Alexa, Google Assistant and Siri voice

- Appliances of class ▣ .

## OPERATION

**LED indications**

| | |
|---|---|
| Device in configuration | flashing BLUE |
| Problem on Mesh network | flashing BLUE/RED |
| No Wi-fi network | flashing RED |
| FW upload/update under way | flashing GREEN |
| Start-up sequence | flashing WHITE slowly |
| Manual association procedure | flashing BLUE quickly |

| | |
|---|---|
| Wi-fi credentials reset procedure | flashing GREEN quickly |
| Factory reset procedure | flashing WHITE quickly |
| Standard operation | LED off |
| Internal error (reset the gateway as described in "Manual procedures") | flashes PURPLE |
| Mesh network, battery-less controls and Cloud check | flashing BLUE quickly |

Manual procedures

During the first 5 minutes from power-up of the gateway and once you have waited for the product to be

completely initialised (in other words until the white LED stops flashing after the first few seconds of being powered), the following operations can be carried out:

- Press the front push button for 10 s and the LED starts to flash blue; release the push button to proceed, via the View Wireless App, with associating the gateway with a system whose credentials you do not have (follow the self-guided proce- dure of the View Wireless App).
- Press the push button for 20 s and the LED starts to flash green; release the push button to delete the Wi-fi credentials
- Press the push button for 30 s and the LED begins to flash white quickly; release the push button to perform the gateway reset and restore the factory settings (so the wi-fi credentials, the mesh credentials, the system databases and all the associations with Homekit are deleted).

## CONFIGURATION.

For configuration operations on the Bluetooth system please see the instruc- tion manual for the View Wireless App.

## INSTALLATION RULES.

- Installation must be carried out by qualified persons in compliance with the cur- rent regulations regarding the installation of electrical equipment in the country where the products are
- The device must be installed in flush mounting boxes or surface mounting boxes with Eikon, Arkè, Idea and Plana supports and cover
- Install at a height of less than 2
- An easily accessible omnipolar disconnection switch with a contact gap of at least 3 mm must be installed upstream of the

## REGULATORY COMPLIANCE.

RED Directive. RoHS directive.
Standards EN 62368-1, EN 301 489-17, EN 300 328, EN 62479, EN 50581.
Vimar SpA declares that the radio equipment complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is on the product sheet available on the following website: **www.vimar.com**
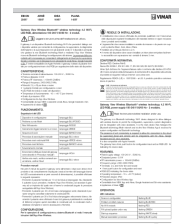
REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.
WEEE – User information The crossed bin symbol on the appliance or on its packaging indicates that the product at the end of its life must be collected separately from other waste. The user must therefore hand the equipment at the end of its life cycle over to the appropriate municipal centres for the differentiated collection of electrical and electronic waste. As an alternative to independent management, you can deliver the equipment you want to dispose of free of charge to the distributor when purchasing a new appliance of an equivalent type. You can also deliver electronic products to be disposed of that are smaller than 25 cm for free, with no obligation to purchase, to electronics distributors with a sales area of at least 400 m2. Proper sorted waste collection for subsequent recycling, processing and environmentally conscious disposal of the old equipment helps to prevent any possible negative impact on the environment and human health while promoting the practice of reusing and/or recycling materials used in manufacture.

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## Documents / Resources



**VIMAR 20597 IoT Connected Gateway 2M Gray** [pdf] Instruction Manual
20597 IoT Connected Gateway 2M Gray, 20597, IoT Connected Gateway 2M Gray, Connected Gateway 2M Gray, Gateway 2M Gray, 2M Gray, Gray

## References

-  **Amazon.com. Spend less. Smile more.**
-  **Home automation, electrical equipment, smart home - Vimar energia positiva - Vimar**