

## EMOS IP-1000Z

# EMOS GoSmart ZigBee Gateway IP-1000Z Smart Home Hub Instruction Manual

## 1. INTRODUCTION

The EMOS GoSmart ZigBee Gateway IP-1000Z serves as the central hub for integrating ZigBee-enabled smart devices into your Smart Home system via your 2.4 GHz WiFi network. This gateway allows you to connect and control various smart devices, such as radiator thermostats and LED lamps, through a unified platform. It supports connectivity with devices using ZigBee 3.0, SigMesh, and BLE protocols, enabling comprehensive control through the EMOS GoSmart, Tuya, or Smart Life applications.

This manual provides detailed instructions for setting up, operating, and maintaining your EMOS GoSmart ZigBee Gateway IP-1000Z to ensure optimal performance and seamless integration into your smart home environment.

## 2. PRODUCT OVERVIEW AND FEATURES

The EMOS GoSmart ZigBee Gateway IP-1000Z is a compact and efficient device designed to expand your smart home capabilities. Its key features include:

- **ZigBee Connectivity:** Connects ZigBee 3.0 compatible smart devices to your 2.4 GHz WiFi network.
- **Multi-Protocol Support:** Supports SigMesh, BLE, and ZigBee 3.0 protocols for broad device compatibility.
- **App Control:** Fully controllable via the EMOS GoSmart, Tuya, or Smart Life mobile applications.
- **High Device Capacity:** Capable of connecting up to 50 smart products simultaneously.
- **Offline Functionality:** Continues to operate and control connected devices even during internet outages.
- **Energy Efficient:** Features a stable and reliable ZigBee signal with extremely low power consumption.
- **Power Supply:** Powered conveniently via the included USB cable (5V/1A).

# SMARTES ZIGBEE-GATEWAY

**EMOS®**

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2.4 GHz

Betriebsfrequenz



1× button

1 Bedientaste



USB  
5 V/1 A

Stromversorgung



Für bis zu 50 Geräte

## Automatisieren Sie Ihre Geräte

Automatisieren Sie Ihre Beleuchtung, Thermostate, Schalter und mehr. Ermöglicht die nahtlose Integration und Steuerung verschiedener Smart-Home-Geräte in Ihrem Zuhause



**Image 2.1:** Overview of EMOS GoSmart ZigBee Gateway features, including 2.4 GHz operating frequency, single control button, 5V/1A USB power supply, and support for up to 50 devices.



**Image 2.2:** Technical drawing illustrating the dimensions of the EMOS GoSmart ZigBee Gateway: 60mm width, 60mm length, and 15mm height.

### 3. SETUP INSTRUCTIONS

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Follow these steps to set up your EMOS GoSmart ZigBee Gateway IP-1000Z:

1. **Download the App:** Download the free EMOS GoSmart application from the Google Play Store (for

Android devices) or the Apple App Store (for iOS devices). Alternatively, you can use the Tuya Smart or Smart Life applications.

2. **Power On:** Connect the gateway to a power source using the provided USB cable and a compatible USB power adapter (not included). The gateway requires a 5V/1A power supply.
3. **Network Connection:** Ensure your smartphone is connected to a 2.4 GHz WiFi network. The gateway only supports 2.4 GHz WiFi.
4. **Add Device in App:** Open the EMOS GoSmart (or Tuya/Smart Life) app, register or log in, and follow the in-app instructions to add a new device. Select the ZigBee Gateway from the list of available devices.
5. **Pairing Mode:** The app will guide you on how to put the gateway into pairing mode. This usually involves pressing and holding a button on the device until an indicator light flashes.
6. **Connect Devices:** Once the gateway is successfully added, you can begin adding your ZigBee-enabled smart devices (e.g., sensors, lights, switches) through the gateway within the app.



**Image 3.1:** The EMOS GoSmart ZigBee Gateway IP-1000Z connected to a power source via its USB cable, ready for setup.

## 4. OPERATING INSTRUCTIONS

After successful setup, you can control and automate your smart home devices using the EMOS GoSmart,

Tuya, or Smart Life application:

- **Device Control:** Access individual connected devices within the app to turn them on/off, adjust settings (e.g., brightness for lights, temperature for thermostats), and monitor their status.
- **Remote Access:** Control your smart devices from anywhere with an internet connection using your smartphone.
- **Automation and Scenes:** Create custom automation rules and scenes. For example, set lights to turn on at sunset, or trigger a series of actions when a sensor detects motion.
- **Device Grouping:** Group multiple devices together for simultaneous control, such as turning off all lights in a room with a single command.
- **Voice Control Integration:** The EMOS GoSmart app is compatible with popular voice assistants like Amazon Alexa and Google Assistant, allowing for hands-free control of your devices.

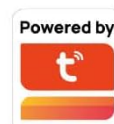
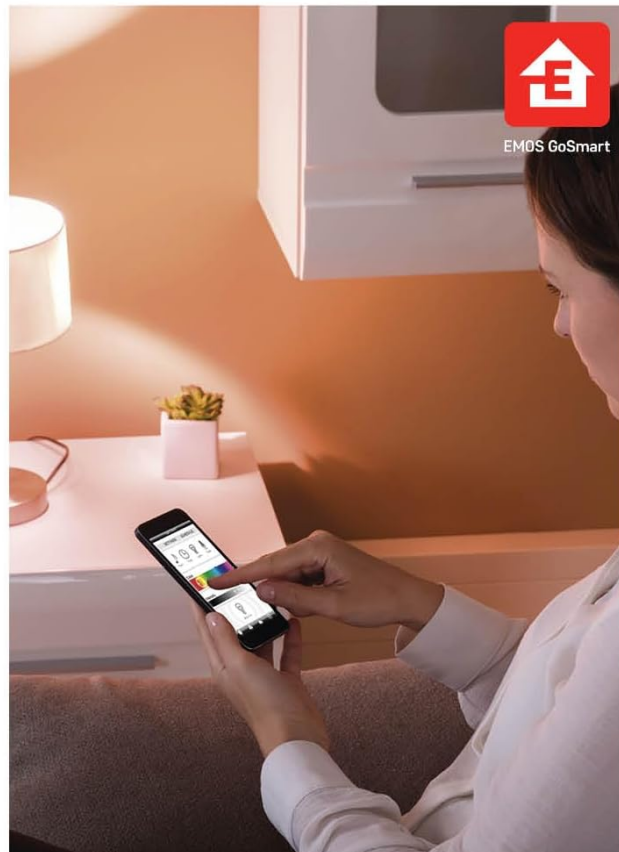
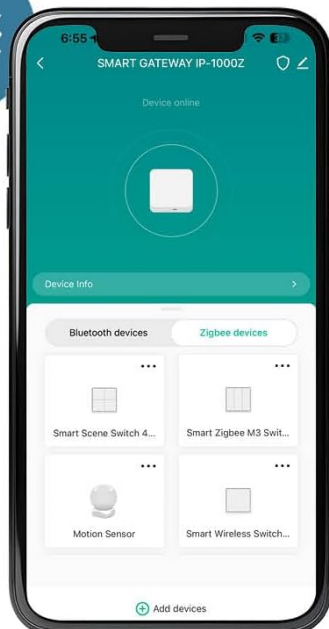
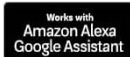
## SMARTES ZIGBEE-GATEWAY



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### Steuern Sie Ihr Zuhause

mit der EMOS GoSmart App auf Ihrem Handy



**Image 4.1:** A smartphone displaying the EMOS GoSmart app interface, showing a list of connected Bluetooth and ZigBee devices, ready for control and automation.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your EMOS GoSmart ZigBee Gateway IP-1000Z, please observe the following maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the gateway. Do not use liquid cleaners, aerosols, or solvents, as these may damage the device.
- **Environment:** Keep the gateway in a dry, clean environment. Avoid exposure to direct sunlight, extreme temperatures, high humidity, or dusty conditions.
- **Ventilation:** Ensure the device has adequate ventilation and is not covered, to prevent overheating.
- **No User Serviceable Parts:** The gateway contains no user-serviceable parts. Do not attempt to open or repair the device yourself, as this will void the warranty and may cause damage.
- **Firmware Updates:** Regularly check the EMOS GoSmart app for available firmware updates for the gateway. Updates can improve performance, add new features, and enhance security.

## 6. TROUBLESHOOTING

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If you encounter issues with your EMOS GoSmart ZigBee Gateway IP-1000Z, please refer to the following common troubleshooting steps:

- **Gateway Not Responding:**
  - Check if the USB power cable is securely connected and the power adapter is functioning.
  - Ensure the gateway's indicator light is on or flashing as expected.
  - Try unplugging and re-plugging the power cable to restart the device.
- **Cannot Connect to WiFi:**
  - Verify that your WiFi network is 2.4 GHz. The gateway does not support 5 GHz networks.
  - Ensure your smartphone is connected to the same 2.4 GHz WiFi network during the setup process.
  - Check your WiFi password for accuracy.
  - Move the gateway closer to your WiFi router to improve signal strength.
- **ZigBee Devices Not Pairing/Responding:**
  - Ensure the ZigBee device is within range of the gateway.
  - Check if the ZigBee device is in pairing mode according to its own instruction manual.
  - Verify that the ZigBee device is compatible with the Tuya/Smart Life platform.
  - Remove and re-add the ZigBee device in the app if it was previously paired but is no longer responding.
- **App Issues:**
  - Ensure your EMOS GoSmart, Tuya, or Smart Life app is updated to the latest version.
  - Clear the app's cache or reinstall the app if it's crashing or behaving unexpectedly.
- **Internet Outage:** The gateway is designed to continue controlling connected devices locally even if your internet connection is down. However, remote control via the app will not be possible until the internet connection is restored.

If these steps do not resolve your issue, please refer to the support section for further assistance.

## 7. SPECIFICATIONS

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Feature	Specification
Brand	EMOS
Model Name	GoSmart ZigBee Gateway IP-1000Z
Model Number	H5001
Color	White
Operating System	Linux
Connections	Wi-Fi (2.4 GHz), Bluetooth, USB
Wireless Communication Standard	ZigBee 3.0, Bluetooth (BLE), Wi-Fi (2.4 GHz)
Frequency Band Class	Single-band (2.4 GHz)
Special Features	Wide range of devices, low power consumption, functions during internet outages
Compatible Devices	Smartphone
Recommended Uses	Home, Professional
Included Components	1 Gateway, 1 USB cable
Dimensions (L x W x H)	60 mm x 60 mm x 15 mm
Power Supply	USB 5V/1A
Max. Connected Devices	Up to 50
Manufacturer	EMOS
Country of Origin	China

## 8. WARRANTY AND SUPPORT

Information regarding specific warranty periods for the EMOS GoSmart ZigBee Gateway IP-1000Z is not explicitly provided in the product details. For detailed warranty terms and conditions, please refer to the documentation included with your purchase or visit the official EMOS website.

**Customer Support:** If you require technical assistance, have questions about your device, or need to report a fault, please contact EMOS customer support. Contact details can typically be found on the EMOS official website or within the EMOS GoSmart application.

**Spare Parts Availability:** Information regarding the availability of spare parts for this product is currently unavailable.

