AVATTO GW16-W

AVATTO GW16-W Zigbee and Bluetooth Gateway User Manual

Model: GW16-W

INTRODUCTION

This manual provides instructions for the AVATTO GW16-W Zigbee and Bluetooth Gateway. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and safe use of your device. The GW16-W acts as a central hub, enabling communication between various smart home devices using both Zigbee 3.0 and Bluetooth protocols.

SAFETY INFORMATION

- Read all instructions carefully before use.
- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Use only the specified power adapter (5V DC/1A).
- Keep out of reach of children.
- Do not attempt to disassemble or repair the device yourself.
- Ensure proper ventilation around the device to prevent overheating.

PACKAGE CONTENTS

Verify that all items are present in the package:

Image: Package contents including the Smart Gateway, USB data cable, and a QR code for the manual.

- Smart Gateway (GW16-W) x 1
- USB Data Cable x 1
- User Manual x 1 (often a QR code or link to digital version)

PRODUCT OVERVIEW

The AVATTO GW16-W is a dual-protocol gateway that combines Zigbee and Bluetooth connectivity, allowing it to manage a wide range of smart home devices efficiently.

Image: Front and side views of the gateway, highlighting the Status Indicator, Reset switch, and Type-C port, along with dimensions (85mm x 100mm x 23mm).

Device Components

- **Status Indicator:** Displays the current operational status of the gateway.
- **Reset Switch:** Used to reset the device to factory settings.
- **Type-C Port:** For power input (5V DC/1A).

SPECIFICATIONS

Feature	Detail
Product Name	ZigBee/Bluetooth Wireless Gateway
Model Number	GW16-W
Dimensions	85mm * 100mm * 23mm
Power Input	5V DC/1A
Wireless Technology	Zigbee 3.0/Bluetooth
Work Temperature	-20°C ~ 45°C
Storage Temperature	5°C ~ 30°C
Work Humidity	10% ~ 90% RH (Non-condensing)
Storage Humidity	30% ~ 70% RH

SETUP

1. Powering On

Connect the provided USB data cable to the Type-C port on the gateway and plug the other end into a 5V DC/1A power adapter (not included). The status indicator light will illuminate, indicating the device is powered on.

2. App Installation and Network Connection

1. Download the **Tuya Smart** or **Smart Life** app from your mobile device's app store (available on iOS and Android).
2. Register or log in to your account within the app.
3. Follow the in-app instructions to add the GW16-W gateway. This typically involves selecting "Gateway" or "Hub" from the device list and following the pairing prompts. Ensure your phone is connected to a 2.4GHz Wi-Fi network during setup, as the gateway does not support 5GHz Wi-Fi.

3. Adding Sub-Devices (Zigbee/Bluetooth Devices)

Once the gateway is successfully connected to the app, you can add compatible Zigbee and Bluetooth sub-devices to expand your smart home system.
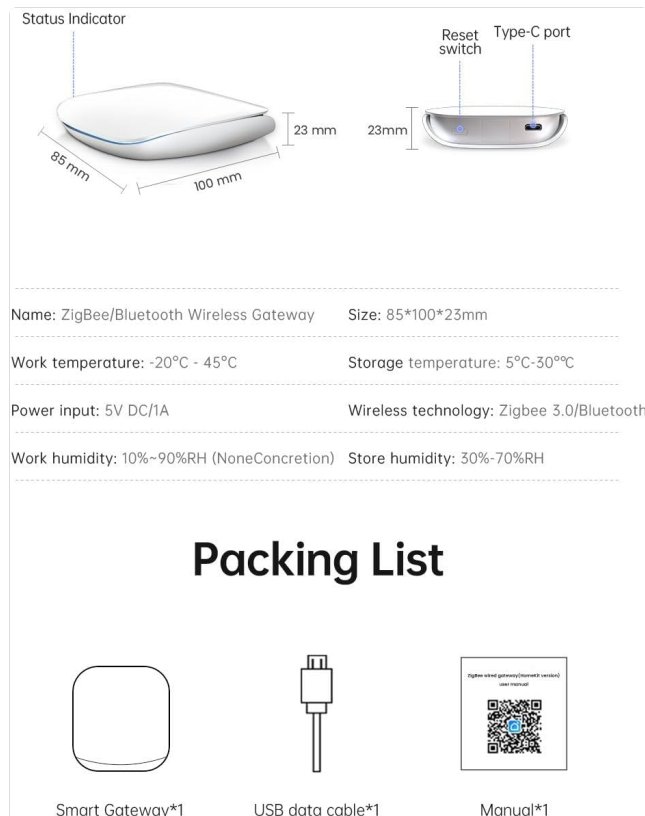
Status Indicator
Reset switch   Type-C port
23 mm   23mm
85 mm   100 mm

Name: ZigBee/Bluetooth Wireless Gateway   Size: 85*100*23mm

Work temperature: -20°C - 45°C   Storage temperature: 5°C-30°°C

Power input: 5V DC/1A   Wireless technology: Zigbee 3.0/Bluetooth

Work humidity: 10%~90%RH (NoneConcretion)   Store humidity: 30%-70%RH

Packing List

Smart Gateway*1   USB data cable*1   Manual*1

Image: The gateway acts as a central hub for both Zigbee and Bluetooth devices, enabling connectivity for various smart sensors.

1. In the Tuya Smart/Smart Life app, navigate to the gateway's control interface and select "Add sub-device" or a similar option.

2. Put your Zigbee or Bluetooth device into pairing mode (refer to the sub-device's individual manual for specific instructions).

3. The gateway will discover and add the device. Once added, you can rename it and assign it to a room within the app.

OPERATING INSTRUCTIONS

Remote Control via App

After adding sub-devices, you can control them remotely through the Tuya Smart or Smart Life app from anywhere with an internet connection.
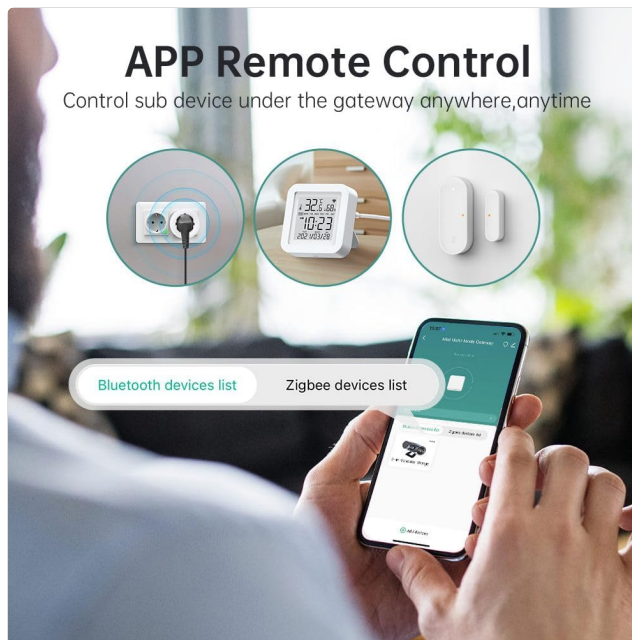
Image: The Tuya Smart app interface displaying lists of connected Bluetooth and Zigbee devices, allowing for remote control.

The app allows you to monitor device status, set schedules, create automation routines, and manage all connected smart devices from a single interface.

Voice Control Integration

The AVATTO GW16-W gateway is compatible with popular voice assistants like Amazon Alexa and Google Assistant, providing hands-free control of your smart devices.

Image: The gateway integrates with Amazon Alexa and Google Home, enabling voice commands to control connected smart devices.

1. To enable voice control, link your Tuya Smart/Smart Life account to your Alexa or Google Home app.

2. Once linked, you can use voice commands such as "Alexa, turn on the light" or "Hey Google, set the thermostat to 22 degrees" to control your connected devices.

MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth.

- Avoid using harsh chemicals or abrasive cleaners, which can damage the device's surface.

- Ensure proper ventilation around the device to prevent overheating.

- Regularly check for firmware updates through the Tuya Smart/Smart Life app to ensure optimal performance, security, and compatibility with new devices.

TROUBLESHOOTING

Gateway not connecting to Wi-Fi:

- Ensure your Wi-Fi network is 2.4GHz. The gateway does not support 5GHz Wi-Fi.

- Check if the Wi-Fi password entered in the app is correct.

- Move the gateway closer to your Wi-Fi router to improve signal strength.

- Restart your router and the gateway, then attempt the connection process again.

Sub-device not pairing:

- Ensure the sub-device is in pairing mode (refer to its specific manual).

- Check if the sub-device is compatible with Zigbee 3.0 or Bluetooth standards.

- Move the sub-device closer to the gateway to ensure it's within range.

- Reset the sub-device to factory settings and try pairing again.

Voice control not working:

- Verify that your Tuya Smart/Smart Life account is correctly linked to your Alexa or Google Home app.

- Ensure your voice assistant device (e.g., Amazon Echo, Google Home speaker) is online and functioning correctly.

- Check the device names in the Tuya app and ensure they are recognized by Alexa/Google. Try re-discovering devices in the voice assistant app.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the purchase platform or contact AVATTO customer service directly. Keep your purchase receipt or proof of purchase for any warranty claims or support inquiries.