BPM Series Configuration Instructions

BPM Universal WiFi Series

Instruction Manual

05/2025
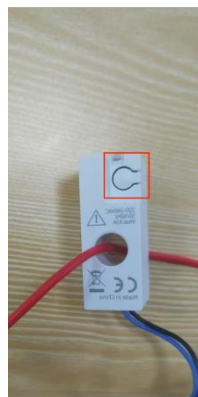
matismart
AIoT Electric
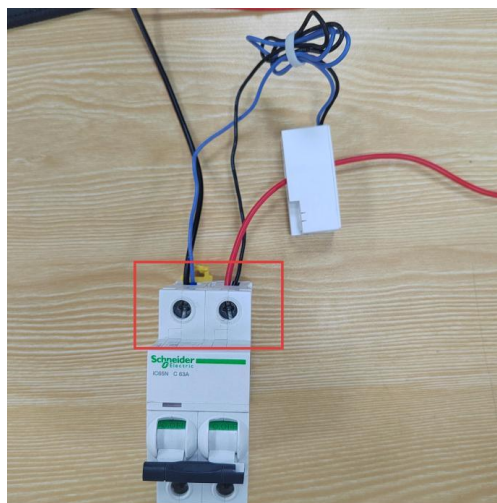
INDEX

1. Preparation and Wiring

Connect the blue wire of the BPM series product to the N wire, and the black wire to the L wire. Pass the L wire through the round hole in the middle of the device to ensure that the power module is powered on correctly.

Note: When the device indicator flashes, it means the device is waiting to be configured. When the device indicator is on, it means it has been configured. You need to long press the device button for 10 seconds to complete the reset.

As shown in the picture:
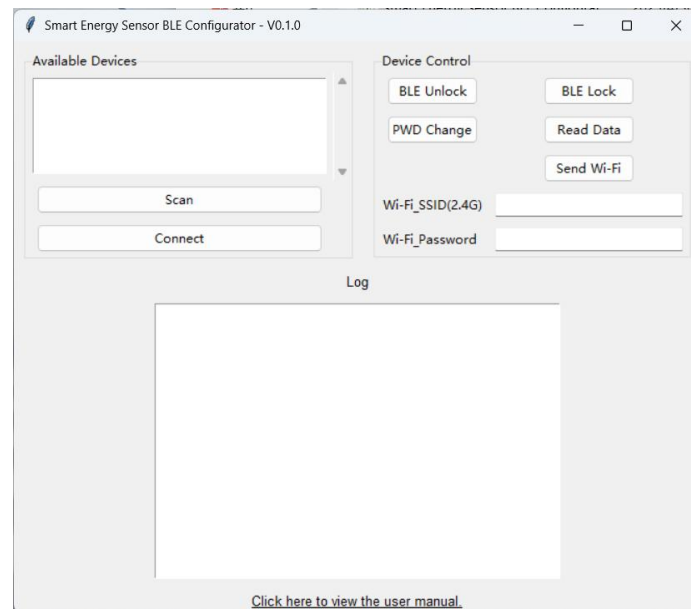

Power supply wiring diagram:

2. PC Software Operation Guide

2.1. Software Preparation

Install and open the host computer software and run the program.
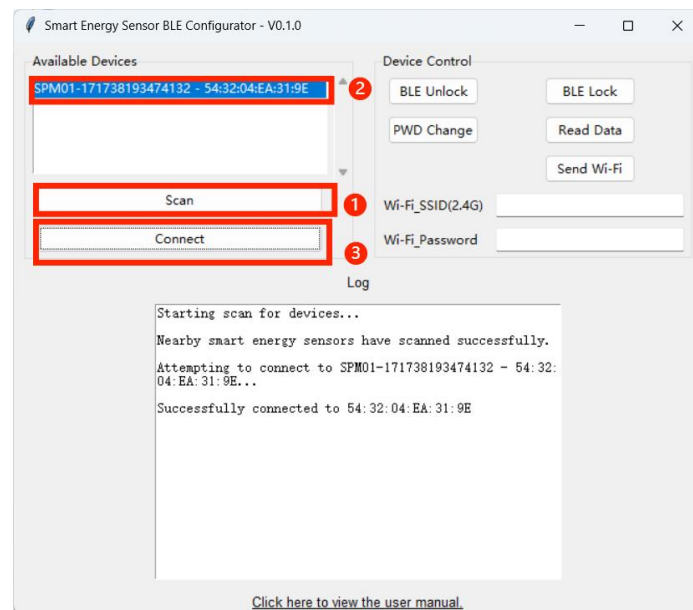
The program running interface is shown below:

2.2. Scan the Device

Operation steps:

1) Click the Scan button to scan for devices.

2) Click on the discovered device.

3) Click Connect to connect the device.
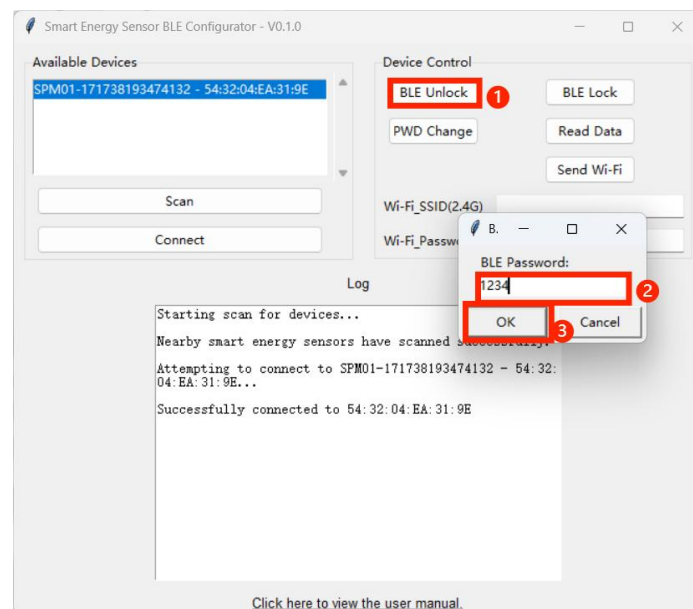
The click sequence is shown in the figure below:

2.3. Unlock Bluetooth

Operation steps:

1) Click BLE Unlock.

2) Enter the password (default password: 1234).

3) Click OK to unlock Bluetooth.
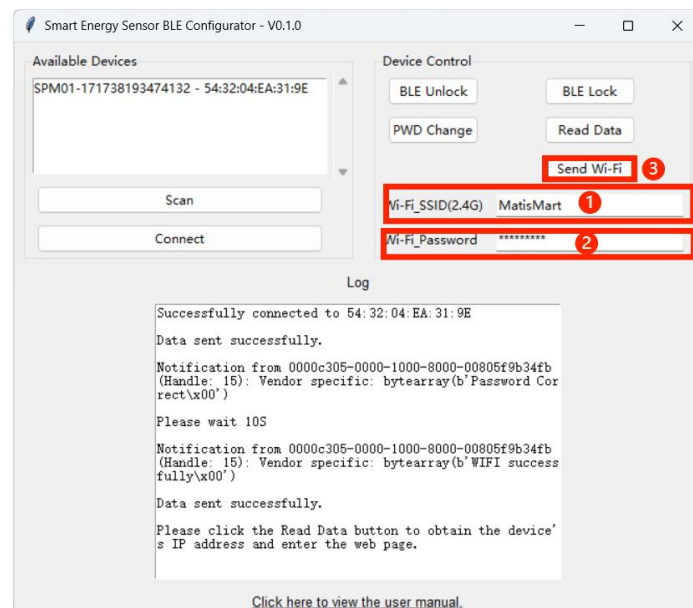
The operation interface is shown as follows:

2.4. Login to WiFi

Operation steps:

1) Enter the WiFi name on the Wi-Fi_SSID(2.4G) page: MatisMart (enter according to the on-site WiFi name).

2) Enter the WiFi password on the Wi-Fi_Passward interface.
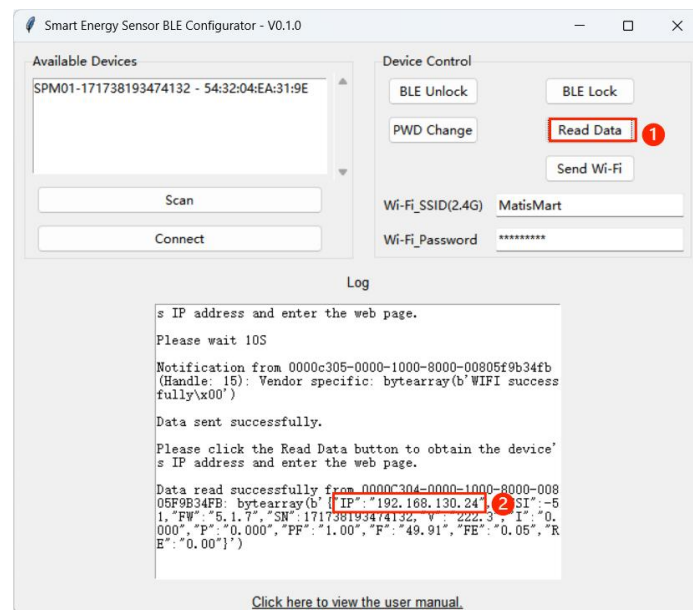
3) Click the Send Wi-Fi button.

The operation interface is shown as follows:

2.5. Get IP Address

Click the Read Data button to obtain information and get the assigned IP according to the content in the text box.

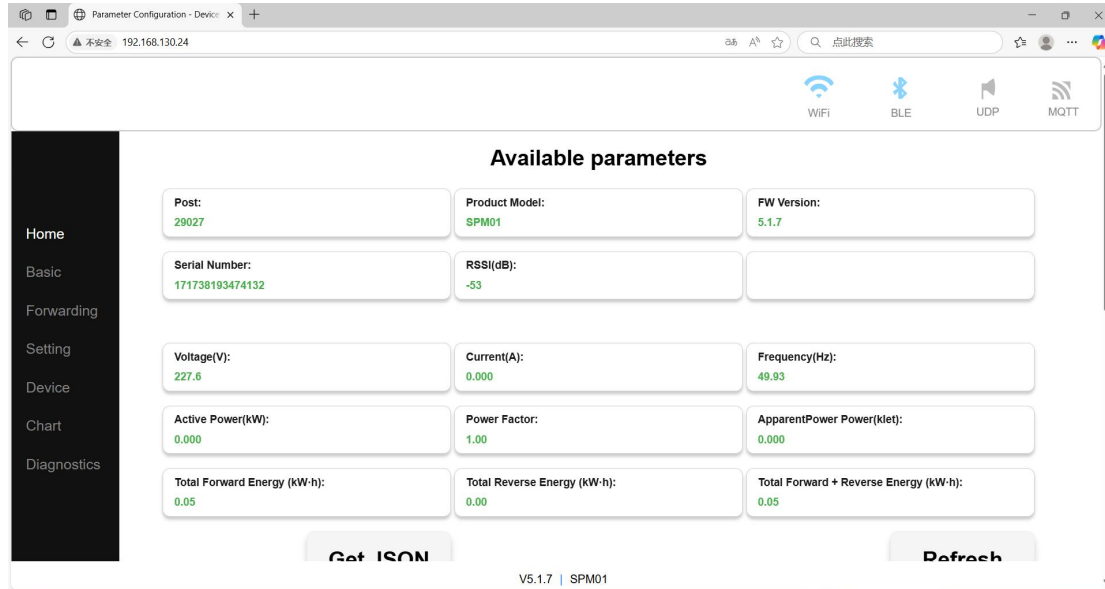**The operation interface is as follows:**

Note: If the IP cannot be read, reset the device and reconfigure it.

3. Parameter Configuration

3.1. Go to the Configuration Page

Open the browser and enter the obtained IP to go to the parameter configuration page.
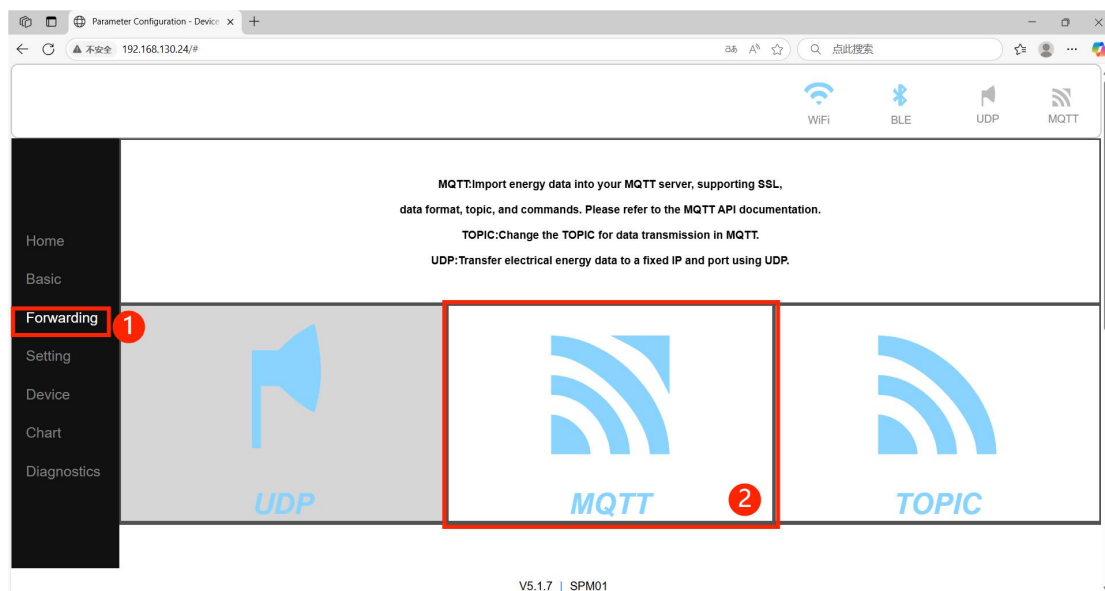
The operation interface is as follows:

3.2. Configure MQTT
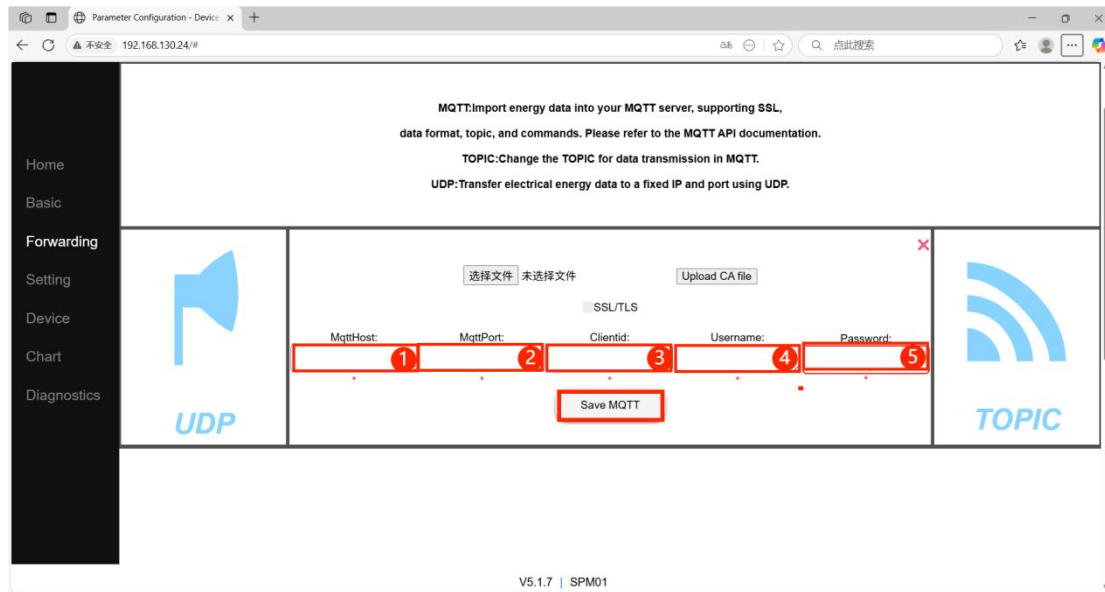
Operation steps:

1) Click the Forwarding button on the left

2) Click the MQTT icon

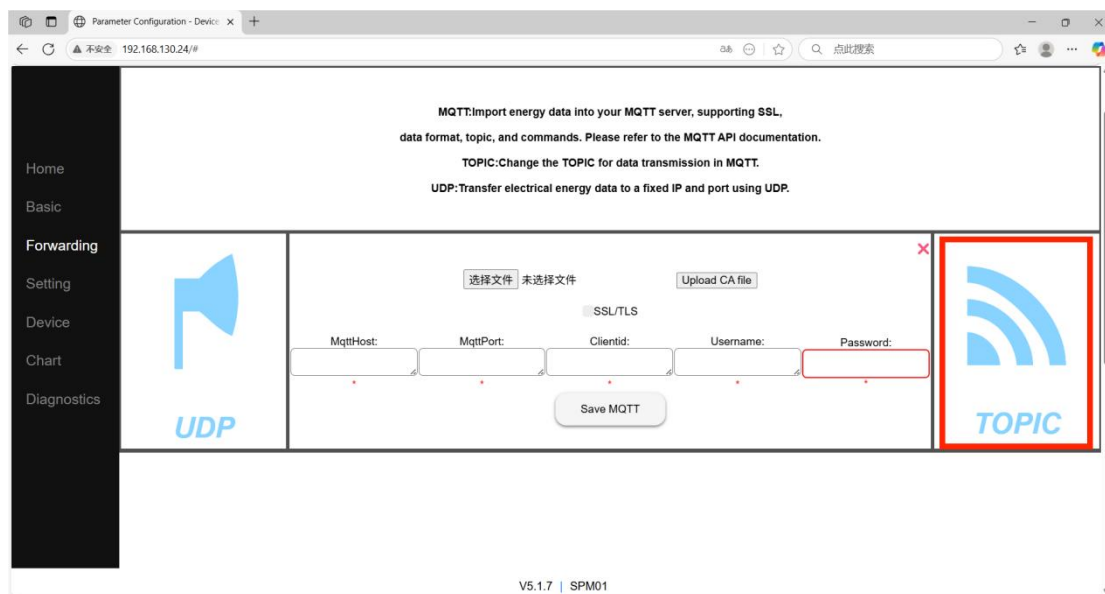3) Enter the five data items MqttHost, MqttPort, Clientid, Username, and Password in sequence (enter

according to actual conditions), and click Save MQTT.

3.3. Configure TOPIC

1)Click on TOPIC icon

The operation interface is as follows:

2) Enter topic_datapost, topic_command,

topic_response, and topic_metadata in sequence (enter according to actual conditions), and click Save TOPIC.

The operation interface is as follows: