ecobay

Temperature Sensor for TRV

## User Manual

Content

Specifications

- Power supply: 2x1.5V AA alkaline batteries(LR6)

- Battery life:1 year

- Temperature display: 0~50°C

- Temperature setting range: 5~30°C

- Temperature display accuracy: ±0.5°C

- Dimensions:100*100*22mm

- Storage temperature & humidity: -10~60°C,25~90%RH (non condensation)

- Operation temperature & humidity: 0~50°C,25~90%RH (non condensation)

100mm

100mm

19mm

22mm
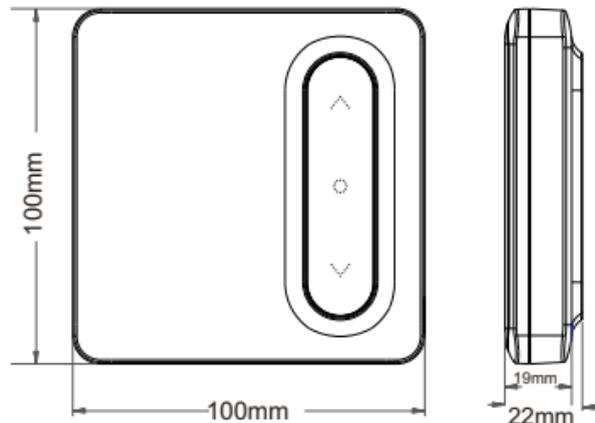
Controls and displays

(1) 🛜 Wireless icon " 🛜 " always on when paired with gateway. Flash mean signal loss.

(2) 🔥 Heating Phase

(3) 🕒 Programmable mode

(4) 🔋 Low power alarm

(5) ✔ Temporary leaving mode

(6) ∧ Up button

(7) ⟳ ON/OFF button

(8) 🔢 Room temperature or
　　 setting temperature display

(9) ∨ Down button
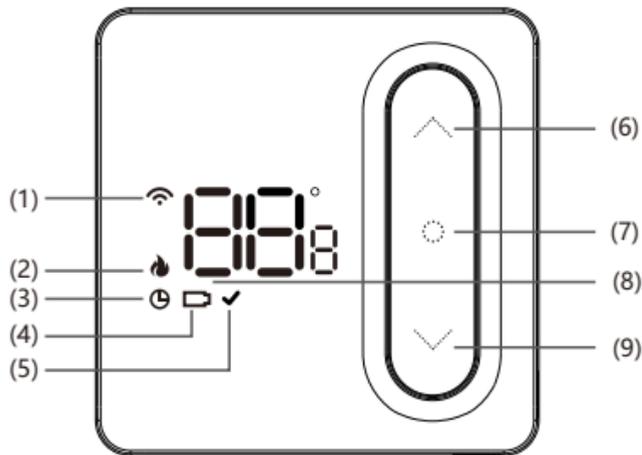
Programming setting

In ON status, press " ☼ " could switch to programming/non-programming mode/Temporary leaving mode after successfully connected to APP.

Mode Introduction

Programming mode: The thermostat will run according to the pre-set schedule. Screen display" ☉ ".

Temporary mode: ☉ keep flash. The programming will switch to programming in next schedule.

Manual mode : ☉ disappear. Thermostat keep running according to manual setting temperature.

Temporary leaving mode: Screen display" ✔ ". Keep setting temperature 16°C.

Default programming (4 period programming)

☼		🏠⁺		🏠⁺		☾	
Wake up		Out door		Back home		Sleep	
6:00	20°C	8:00	16°C	18:00	20°C	22:00	16°C

*Programming setting is from APP.

Configuration

ON/OFF function

Press " ☼ " to turn the sensor ON. Press and hold " ☼ " again to turn the sensor OFF.

Key lock function

In main display interface, press and hold " ∨ " " ∧ " five seconds to activate or cancel the key lock, when activated, no keys can be used. The thermostat will display " ⌐⌐ "

Geofencing function (Only for IOS)

When the sensor detects no one at home, it will stop the thermostat from heating to save energy. Users could do all the settings through APP.

Low power alarm

When the sensor is out of battery, it will alarm " ▭ " to remind user to change battery.
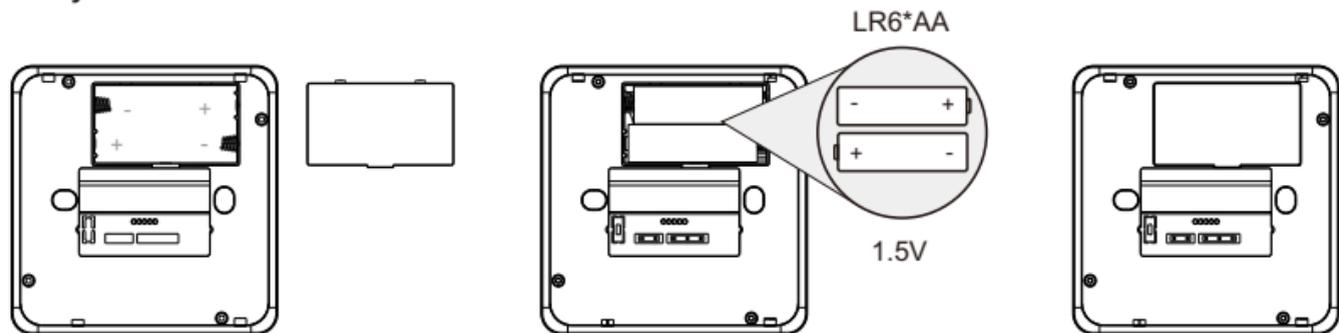
Report an error

In normal operating range: Displaying " Er " means that the NTC sensor may be damaged.

Backlight display

Press " ☼ " and the backlight will be on.The backlight will disappear without operation for 5s.

Installation

Battery installation

LR6*AA

1.5V

❶ Take off cover   ❷ Install 2AA batteries   ❸ Installation completed

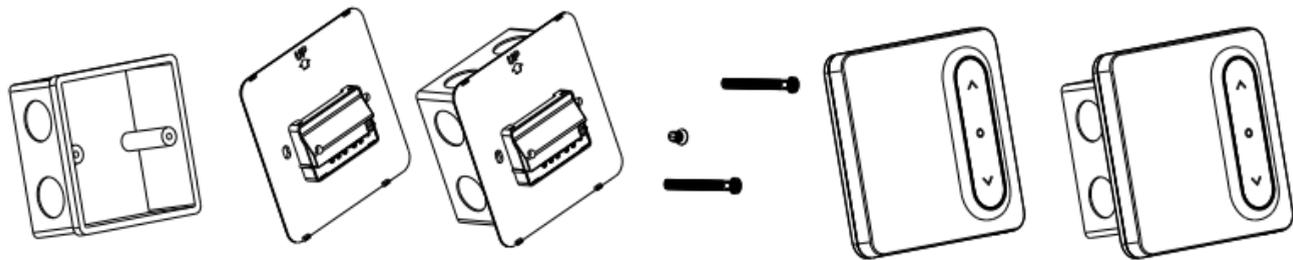Attention: Insert the batteries checking the polarities (+ / -) are correctly aligned.

Desk stand

Wall mount

1 Put the back board on the installation box

2 Put the screw into the hole and screw down

3 Cover the panel

4 Installation completed

Link APP (Login)

Download:

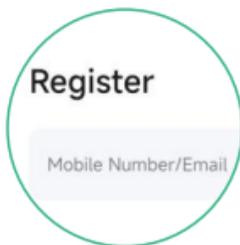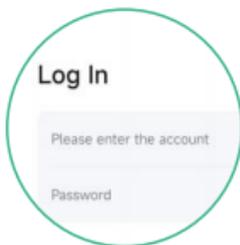Click App store or Android application market to download "Tuya Smart "app.

Tuya Smart

Registration and Login:

Click the "Register" to create account.
Enter your account password to log in

Register

Register

Register

Mobile Number/Email

Create accout

Log In

Please enter the account

Password

Login

Link APP (Add devices)

Preparation before connecting to the gateway.

1.Wifi and Bluetooth functions must be turned on when connecting to the device

2.Make sure your device and the gateway are in the same network
  (only supports 2.4Ghz network, not 5Ghz network connection)

3.Power on the gateway and make sure the red light on the gateway is flashing (network configuration status).
 If it is not flashing, press and hold the gateway switch for 5 seconds to reset the gateway settings.
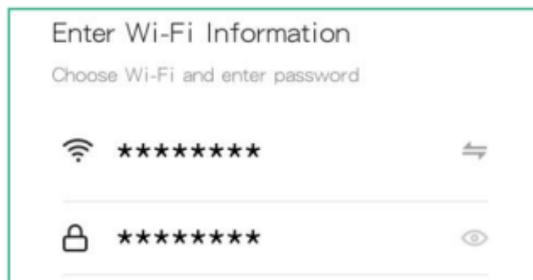
Add gateway:

1 Enter the "HOME" interface of the app, and click the "+" in the upper right corner.
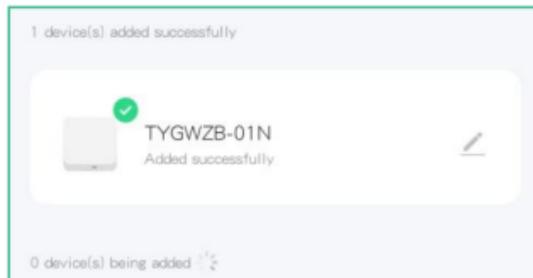

No devices
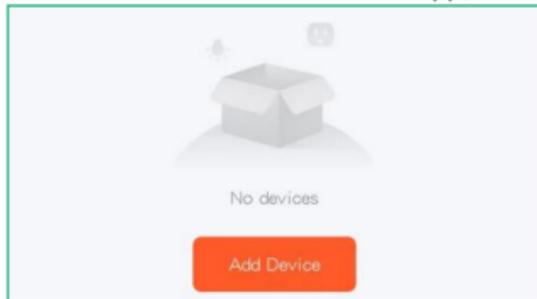
Add Device

2 In the "Add Device" interface, wait for scanning until the gateway icon appears, and click the icon to proceed to the next step.

Searching for nearby devices. Make sure your device has entered pairing mode.

TYGWZB-01N
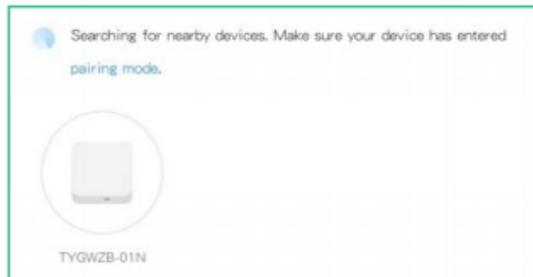
3 Select a network in the same area, enter the password, and click Next.

Enter Wi-Fi Information

Choose Wi-Fi and enter password
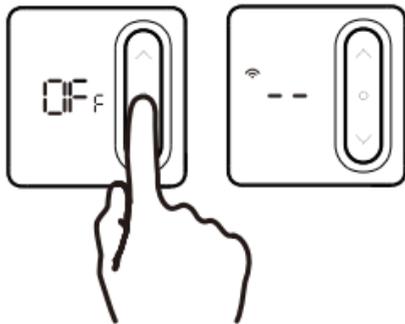
📶 ********   ⇄

🔒 ********   👁

4 Wait for the gateway to connect. After the connection is complete, click Done to complete the gateway pairing.

1 device(s) added successfully

✅ TYGWZB-01N
Added successfully   ✎

0 device(s) being added

Add devices

Gateway must be added before adding the devices.

① For sensor: In " $\boxed{\text{OFF}}$ " state,long
press " $\circlearrowleft$ " until the screen
show " $--$ " , " $\widehat{\otimes}$ " flash
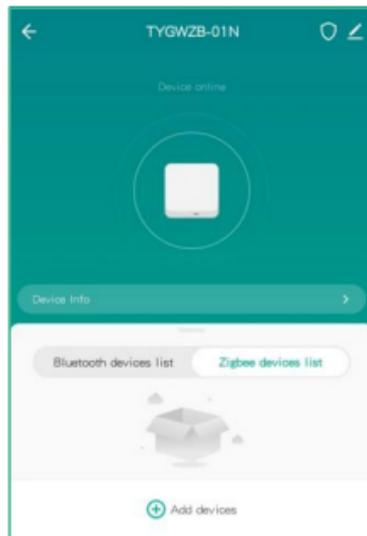
② **Zigbee Device Connection**
Enter the gateway interface,
click the Zigbee device list, and
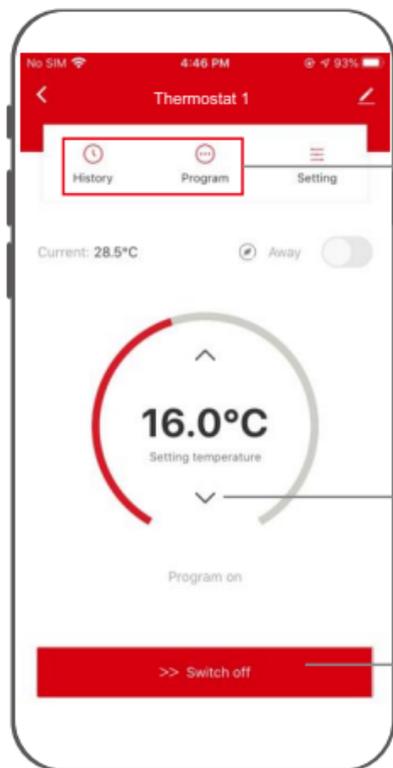click "Add device

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❸ Search device

Search device

Discovering nearby Zigbee device
Make sure the device is in paring mode !

❹ Select the type of device you want to add.

SAS936RHB-7-Z03(sensor)

❺ Click "Done", it means the sensor added successfully.
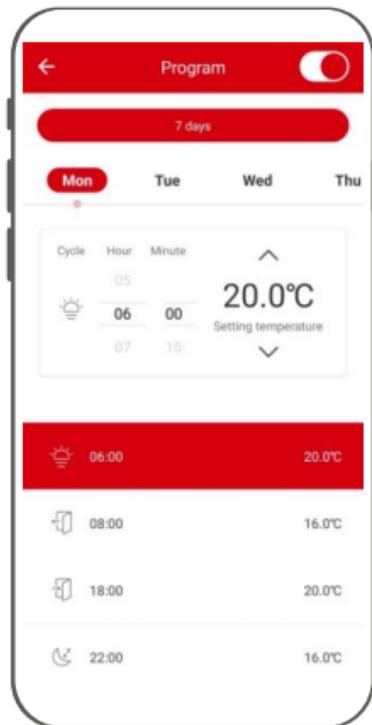

DONE

Temperature setting

Click "program" to enter the programming interface for selecting the period of time of 7-day programming.
Click "History" for checking the historical temperature records.

Press "∧"、"∨" to adjust the temperature.

Click ">> Switch off " and drag to right to turn off the power.
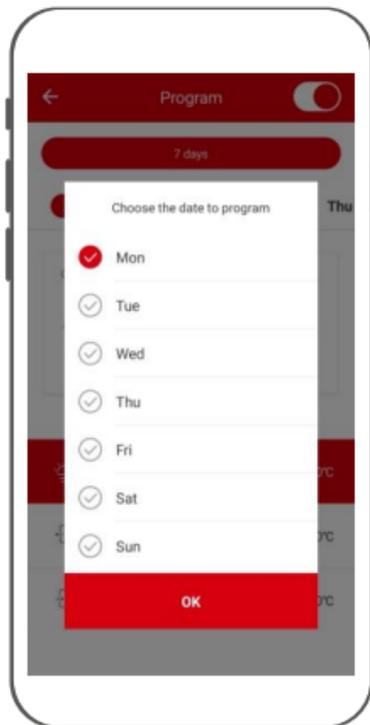Click "<< Switch on " and drag to left to turn the power on.

Programming Setting

1 Click "Program" to enter the programming interface.

2 Select the period of time of 7-day programming, press "∧" or "∨" to set temperature in the different periods of time.
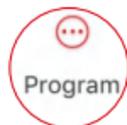
Programming Setting

③ Enter the programming interface and then click the "7-day" key.

7 Day

④ Click the date to be edited and confirm it.

Temporary leaving setting

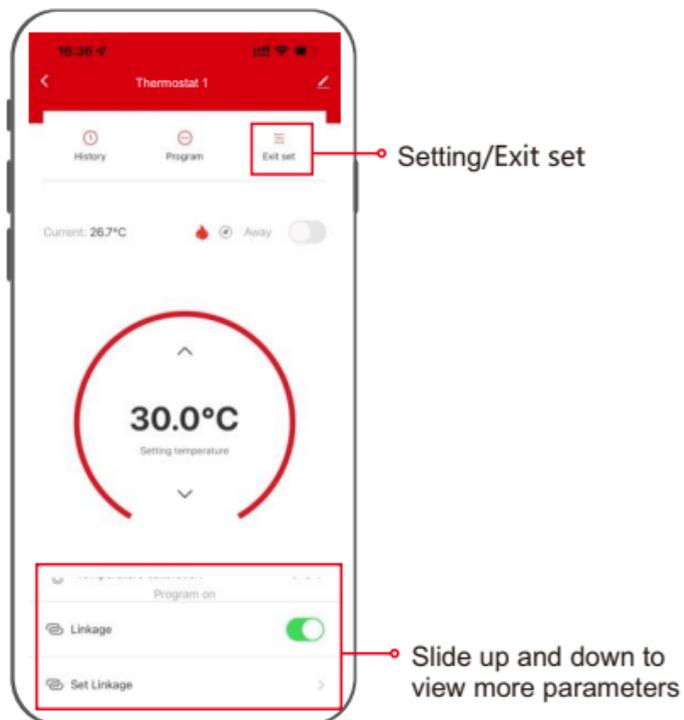Temporary leaving mode:

If you need to stay out temporarily, please click" ⬤ " key. The temperature will remain at 16°C, the energy-saving icon" ◉ " turns green. After you arrive home, click the button to recover the previous temperature setting.

Implicit Parameter Setting

Setting/Exit set

Slide up and down to view more parameters

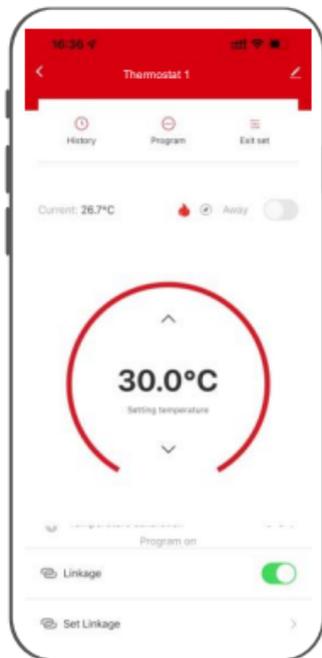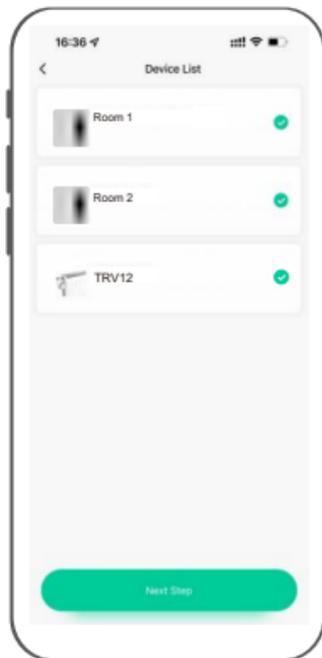|		
Manual setting time	off >
Temperature calibration	0°C >
Water scale proof	on >
Antifreeze	On >
Window	On >
Lock	On >
Externaltemperature	On >

Implicit Parameter Setting
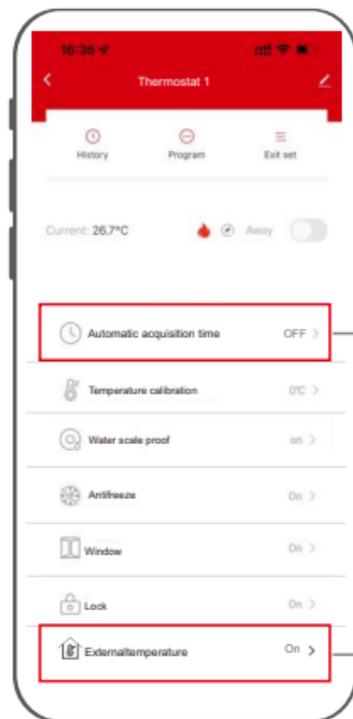
Click here to
set time manually.

Click "OFF" when using
the temperature sensor
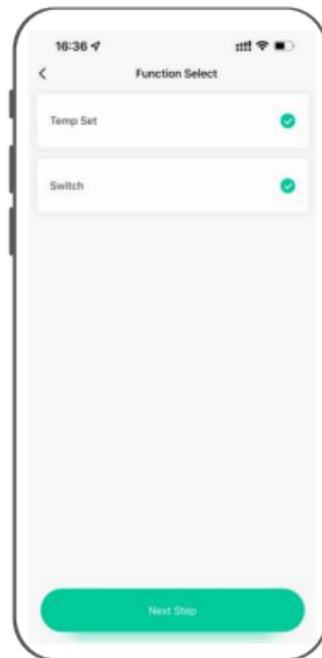as master controller.
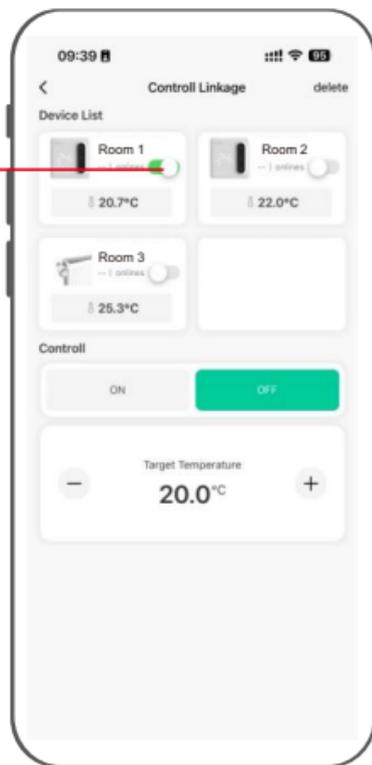
Linkage Setting

❶ Click "Set Linkage"

❷ Select the device you need to add, click "Next Step"

❸ Select the function you need to adjust, click "Next Step"

Master control switch

When you set a
master control,
the icon turn green.

Linkage group function:

When there are multiple TRVs in a house, you
can create a group to achieve centralized control
of multiple TRVs. Each group has a master control,
and other TRVs in the same group will work according
to the master control (on/off/set temperature).

The master controller can be a temperature sensor
SAS936RHB-7-Z03 or any TRV in this group.

One house can exist several groups.

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* Tips: Remember to set the external temperature on in the slave device setting interface, and set the
external temperature off in the master controller setting interface.

Exit network /Remove devices
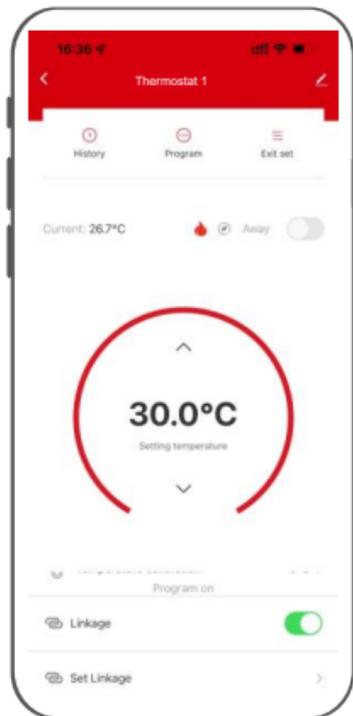
❶ Click the button " ✏️ " in the upper right corner.

❷ Click "Remove device".

Thermostat 1

Device Information

Tap-to-Run and Automation

Others

Share Device

Create Group

FAQ & Feedback

Add to home screen

Check Device Network   Check Now

Device Update   No updates available

Remove Device

Disconnect

Disconnect and wipe data

Cancel
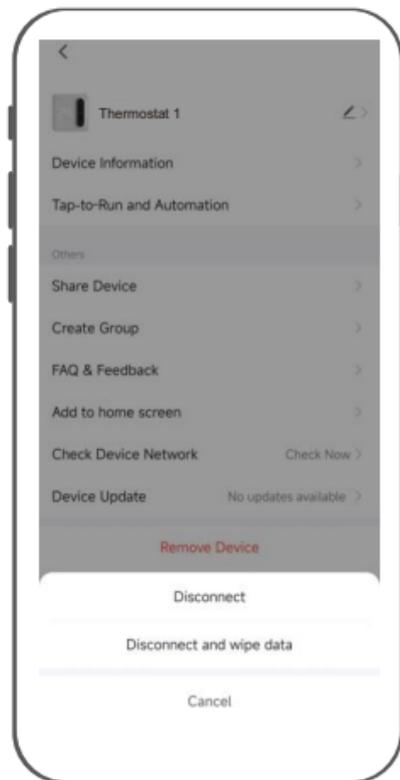
Wireless connection diagram
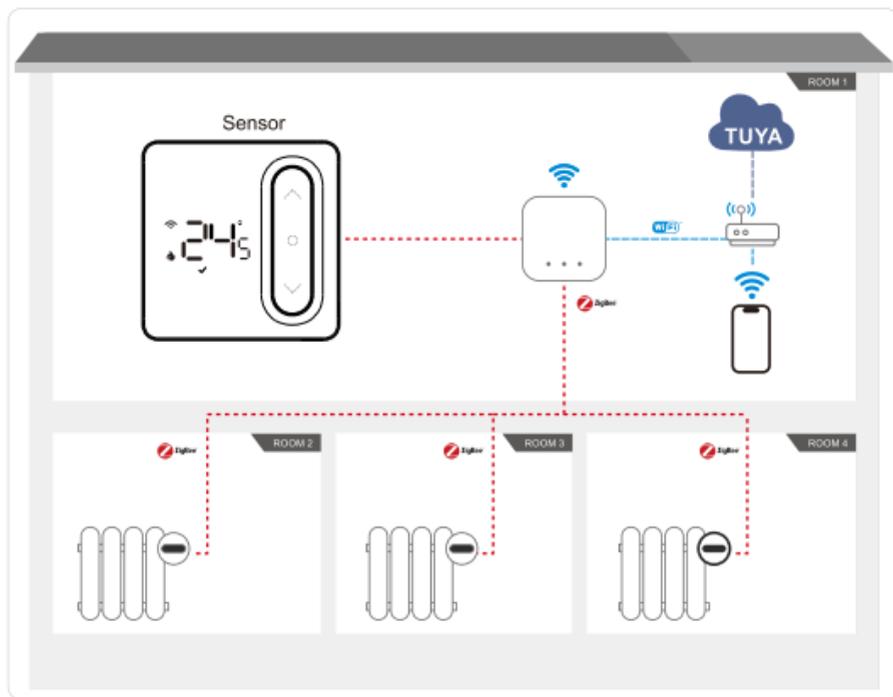
Add a master controller(temperature sensor) to group control the trvs

Voice command:

After waking up the speaker, you can say:

Amazon Alexa	Google Assistant
* Turn on bedroom.	* Turn on bedroom.
* Turn off bedroom.	* Turn off bedroom.
* Raise the bedroom by 1 degree.	* Raise the bedroom by 1 degree.
* Drop the bedroom by 1 degree.	* Drop the bedroom by 1 degree.
* Set the bedroom to 16 degrees.	* Set the bedroom to 16 degrees.
* What is the temperature of bedroom?	* What is the temperature of bedroom?
	Tips:you need connect to the Google speaker

* Tips: bedroom is the device name. You can name it by yourself.
* The temperature unit of thermostat and speaker must be the same.

WARNING

Care and Maintenance

Disconnect the device from the mains before cleaning and during prolonged periods of non-use.
Only clean this product with a slightly damp, lint-free cloth and do not use aggressive cleaning agents.

Warranty Disclaimer

ECOBAY assumes no liability and provides no warranty for damage resulting from improper installation/mounting, improper use of the product or from failure to observe the operating instructions and/or safety notes.

Service and Support

Please contact ECOBAY Consulting if you have any questions about this product.

WARNING

Note on environmental protection:

After the implementation of the European Directives 2012/19/EU and 2006/66/EU in the national legal system, the following applies: electrical and electronic devices as well as batteries must not be disposed of with household waste. Consumers are obliged by law to return electrical and electronic devices as well as batteries to the designated public collection points or to the point of sale at the end of their service lives. Detailed information on this topic is defined in the national laws of the respective country. This presence of the above symbol on the product, operating instructions or package indicates that the product is subject to these regulations. By recycling, reusing the materials or other forms of utilising old devices/batteries, you are making an important contribution to protecting our environment.

Declaration of Conformity

ECOBAY hereby declares that the radio equipment type of **SAS936RHB-7-Z03** is in compliance with Directive 2014/53/EU.
Frequency band(s) 2.4 GHz
Maximum radio-frequency power transmitted < 100mW

CE

SAS936RHB-7-Z03

Manufacturer Name: SHENZHEN SASWELL TECHNOLOGY INC.
Address: Room 1601-1602, Building4, Tianan Cloud Park, Bantian Street,Longgang
District,Shenzhen,518129, China
E-mail: amazon@saswell.com

Battery Safety Warning: Use only specified batteries.
Batteriesicherheitswarnung: Verwenden Sie nur die angegebenen Batterien.

Installation Warning: Ensure batteries are inserted correctly.
Installationswarnung: Stellen Sie sicher, dass die Batterien korrekt eingelegt sind.

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