

sygonix®

Operating Instructions

Universal Wi-Fi Thermostat

Item no. 3412048



## 1 Operating Instructions for download

Use the link [www.conrad.com/downloads](http://www.conrad.com/downloads) (alternatively scan the QR code) to download the complete operating instructions (or new/current versions if available). Follow the instructions on the web page.

## 2 Safety Information

- To reduce the risk of electric shock, use only indoors.
- The device should be operated within the rated power specified in the product technical specifications.
- Make sure the device is fully plugged in and kept out of reach of children for safety concerns.
- Risk of electric shock. Do not plug into another relocatable power strip or an extension cord.
- Do not cover the device when operating.
- The device is de-energized only when the plug is disconnected

## 3 Product Introduction

The product supports controlling a variety of heating and cooling devices. It can be used in bedrooms, lofts and wine cellars, for example.

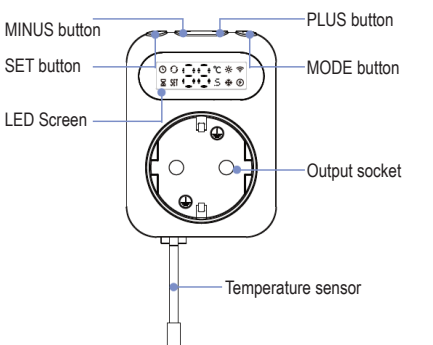
## 4 Delivery contents

- Product
- 2x Temperature sensor (short, long)

## 5 Technical specifications

|                         |                          |
|-------------------------|--------------------------|
| Voltage                 | 100 - 240V/AC 50 - 60 Hz |
| Maximum load            | 16 A                     |
| Wi-Fi                   | 802.11b/g/n (2.4GHz)     |
| Temp. setting accuracy  | ±0.5 °C                  |
| Temp. measurement range | -30 to +110 °C           |
| Storage temp            | -5 to +50 °C             |
| Temp. sensor            | NTC, B=3380, R25=10kΩ±1% |
| Temp. sensor length     | 5 cm, 300 cm             |
| Protection level        | IP20                     |
| Shell material          | Non-flammable PC+ABS     |
| Dimensions (W x H x D)  | 57 x 78 x 55.9 mm        |

## 6 Product Overview



## 7 Buttons

- Plus (+) button: Increase value.
- Minus (-) button: Decrease value.
- Press and hold the Plus and Minus button at the same time for 3 seconds, the device will activate/deactivate the display/button lock.

## MODE button:

- Short press to switch between different modes.
- Press and hold for 3 seconds to turn off and on the product.

## SET button:

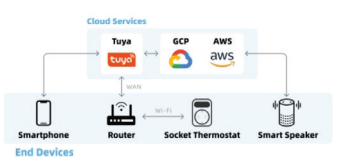
- Short press to access specific numerical settings for each mode / save the configured values;

## 8 Display

| LED Light        | Meaning                                                                                            |
|------------------|----------------------------------------------------------------------------------------------------|
| 20.5 °C          | Set temp. and measured temp. display alternately; ON and OFF display                               |
| Wi-Fi icon       | Flashing: Connecting to the network;<br>Lights up: Network successful;<br>Goes out: Device offline |
| Heating icon     | Heating mode                                                                                       |
| Cooling icon     | Cooling mode                                                                                       |
| Weekly icon      | Weekly programming mode                                                                            |
| Cycle timer icon | Cycle timer mode                                                                                   |

|                     |                                         |
|---------------------|-----------------------------------------|
| SET                 | Socket mode ; Set value                 |
| Hourglass icon      | Countdown status                        |
| Lightning bolt icon | Socket is switched on (power is output) |

## 9 Topology of APP and Voice Control



## 10 Mobile app setup

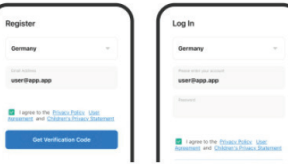
### Step 1: Installing the app

Scan the QR code on the right or search for "Smart Life - Smart Living" on the App Store or Google Play to download the Smart Life app.



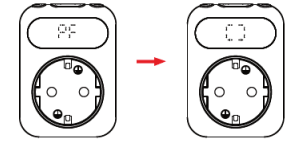
### Step 2: Registration or Log-in

Enter the "Register/Log in" interface; tap "Register" to create an account by entering your phone number to get verification code and "Set password". Choose "Log in" if you already have a Smart Life account.



### Step 3: Add device

1. Switch on Bluetooth on your mobile device.
2. Press MODE button for 3 seconds to turn off the device, "PF" will be displayed on the screen. During power off, press and hold the **SET** button to enter the network configuration, indicated by the flashing of ":".



3. Enter the "Home" interface of the APP, click "+" in the upper right corner, select the "Add" button in the pop-up window, and finally click "+" to enter the Wi-Fi password interface;



4. Select 2.4G Wi-Fi and enter the password, click “Next”, and then wait for the connection to succeed.



5. After the addition is successful, click “Done”, and the smart socket thermostat has been added successfully.



## 11 Function modes

Short press **MODE** button to switch between different modes.

### ☀ Heating mode

- This mode is used to control a heater.
- During heating mode, press Plus or Minus button to adjust target temperature.

### ❄ Cooling mode

- This mode is used to control a cooler.
- During cooling mode, press Plus or Minus button to adjust target temperature.

### ⌚ Programming mode

- You can switch between programming heating and programming cooling modes.
- Specific programming settings can only be set via APP.

### 🔄 Cycle Timer mode

- In this mode, the output socket will cycle between ON and OFF states at preset interval.
- During cycle timer mode, press SET button to enter specific setting. When the screen displays “ON”, it indicates entering the setting for cycle ON time. Short press SET button to continue, the numerical value on the screen will flash. Short press the plus or minus button to adjust the cycle ON time. Once the setting is done, continue by short pressing SET button. When the screen displays “OFF”, it indicates entering the setting for cycle OFF time. Short press SET button to continue, press the plus or minus button to adjust the cycle OFF time.

- The default time unit is in minutes. If you wish to set a time period in hours, adjust the screen value to 59, then press the plus button. The screen will display “1H”, indicating the unit is now in hours. This allows for setting time periods up to a maximum of 9 hours.

### SET Socket mode

- In this mode, you can toggle the output status and set a delay time.
- When switching to socket mode, the device will retain the relay status from the previous mode. “ON” displayed on the screen indicates the relay is in the on state, while “OFF” indicates the relay is in the off state. Short pressing the plus or minus button can toggle the relay status.
- To set a delay time, you can press SET button to enter delay time setting. Press Plus or Minus button to adjust the delay time value, press SET button to confirm and save value. Once the set time ends, the output will turn on or off.

## 12 Advanced settings

### Temperature calibration

Calibrate measured temperature when it is not accurate.

### Temperature difference

This is the temperature differential required to switch the device on and off. Examples:

**Heating mode:** For example, if you set the value to 1.0°C, it means that when the setpoint temperature is 20.0°C, the device will start heating when the measured temperature drops to 19°C and stop heating when it reaches 20°C (in heating mode).

**Cooling mode:** the product will turn on cooling at 21.0°C and turn it off at 20.0°C.

### Cooling delay

- Effective only in cooling mode. If the setpoint temperature is reached, the device will wait for a period of time before starting cooling to protect the compressor.
- If the time interval between two cooling operations is larger than preset delay time, the equipment will start cooling immediately. If the time interval between two cooling operations is less than preset delay time, the equipment won't start cooling until achieve the preset delay time.

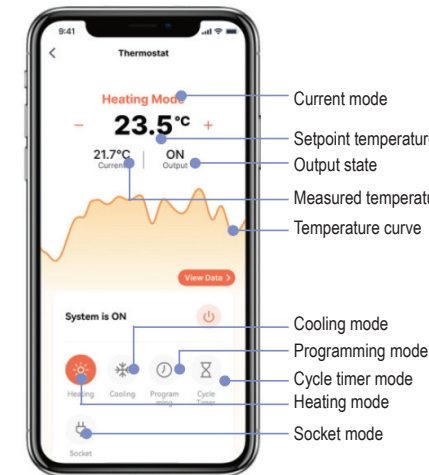
| Meaning                 | Range of values     | Default |
|-------------------------|---------------------|---------|
| Screen Brightness       | High / Middle / Low | High    |
| Screen Timeout          | 15/30/60/120s       | 30s     |
| Temp. Calibration       | -15 to +15 °C       | 0 °C    |
| Temp. Difference        | +0.1 to +10 °C      | 1 °C    |
| Cooling Delay           | 1 - 10 min          | OFF     |
| Frost Protection        | ON / OFF            | OFF     |
| Temp. setting range     | -9.5 to +99.5°C     | 15°C    |
| Temp. measurement range | -30 to +110°C       | /       |
| High Temp. Aler         | -30 to +110°C       | 110°C   |
| Low Temp. Alert         | -30 to +110°C       | -30°C   |

### NOTE:

The temperature measurement range supported by the device is -30 to +110°C, and temperatures within this range can be displayed in full on the app.

On the device, when the measured temperature is below -9.5°C, the screen will display “LL”, and when the measured temperature exceeds 99.5°C, the screen will display “HH”. At this time, please check the precise measured temperature on the app.

## 13 Mobile app interface



## 14 Voice control

[ DEVICENAME ] is the device name, you can also name it yourself.

After activating the voice assistant, you can say:

### Amazon Alexa: Alexa,

- Set the [ DEVICENAME ] to heat.
- Set the [ DEVICENAME ] to cool.
- Set the [ DEVICENAME ] to auto.
- What's the temperature of [ DEVICENAME ]?
- What's the [ DEVICENAME ] set to?
- Set [ DEVICENAME ] to 42.
- Turn on SCENENAME.

### Google Assistant: OK Google

- Set the [ DEVICENAME ] to heat.
- Set the [ DEVICENAME ] to cool.
- Set the [ DEVICENAME ] to auto.
- What mode is the [ DEVICENAME ] set to?
- What's the temperature of [ DEVICENAME ]?
- Set [ DEVICENAME ] to 42.

- Drop the [ DEVICENAME ] by 1 degree.
- Raise the [ DEVICENAME ] by 1 degree.

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