Smart Wi-Fi OLED Socket Thermostat

Support the control of cooling and heating device.

Wi Fi

works with alexa
works with Google Home
works with Smart Life

English

Version 1.0(05/2024) 71-04.00494

■ Access the online instructions

(EN) Scan the QR code to access product manuals, videos and more information.

(FR) Scannez le code QR pour accéder aux manuels produits, vidéos et plus d'informations.

(DE) Scannen Sie den QR-Code, um Produkthandbücher, Videos und weitere Informationen zu erhalten.

(IT) Scansiona il codice QR per ottenere manuali del prodotto, video e ulteriori informazioni.

(ES) Escanee el código QR para obtener manuales de productos, vídeos y más información.

■ 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.
• No voltage only when the plug of the device is disconnected.

■ Product Introduction

The smart Wi-Fi OLED socket thermostat supports controlling a variety of heating and cooling devices. It can be used in swimming pools, bedrooms, lofts, wine cellars, server rooms, aquariums, freezers, cold stores, greenhouses, and also for temperature control in cultivation, fermentation, brewing, incubation, and more.

■ Standard Accessories

Product ×1   Temperature sensor ×2   Manual ×1

■ Technical Specifications

Voltage	AC100~240V ; 50~60Hz
Maximum load	16A
Wi-Fi	802.11b/g/n (2.4GHz)
Setting temp. accuracy	±0.5℃
Temp. measurement range	−30~110℃ / -22~230℉
Storage temp.	−5~50℃ / 23~122℉
Temp.sensor	NTC, B=3380, R25=10KΩ±1%
Temp.sensor length	5cm, 300cm
Protection level	IP20
Shell material	Anti-Flammable PC+ABS

■ Product Overview

MINUS
BACK
BACK LED
OLED Screen
Output Socket
PLUS
MODE
Wi-Fi LED
OUTPUT LED
Power Plug
Temperature Sensor

■ Button And LED Rules

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 child lock.

MODE button:
Short press to enter mode switching interface.
Press and hold for 3 seconds to turn ON/OFF the device.

BACK button:
Short press to return to the previous interface.

WI-FI LED:
Flashing: Connecting to the network.
Lights up: Network connection successful.
Goes out: Device offline.

OUTPUT LED:
Lights up: Output is on.
Goes out: Output is off.

BACK LED:
Lights up: Indicates you can return to the previous interface.
Goes out: Indicates you cannot return to the previous interface.

■ Dimensions and Installation

Dimensions: millimeters (mm)

54   59.6
41.2
76.5

Connect to the controlled device   Connect to the mains socket

Installation:
Insert the plug into mains socket directly.

■ Topology of APP and Voice Control

Cloud Services
Tuya   GCP   AWS
tuya   aws

Smartphone   Router   Socket Thermostat   Smart Speaker
End Devices

■ Menu Structure

Main Interface
- Heating
- Cooling
- Prog.heating
- Prog.cooling
- Cycle timer
- Delay time

Mode Switching Menu
- Heating mode
- Cooling mode
- Programming mode
- Cycle timer
- Socket mode
- Setting

Setting Menu
- Screen
- Open child lock
- Network
- Help & Support
- Advanced
- About

Socket
- Delay on
- Delay off
- Output on / off

Programming
- Prog.heating
- Prog.cooling

Advanced
- Temperature
- Protection
- Restore state
- Factory reset

Temperature Menu
- Unit
- Calibration
- Difference

Protection Menu
- Cooling delay
- Frost protection
- High temp. alert
- Low temp. alert

■ Software Installation

1. Download Smart Life App

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

Download on the App Store
GET IT ON Google Play

② Registration or Log in

Enter the Register/Login 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.

② 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;

③ Add device

①During setting menu,Press Plus button to switch to the network setting item, and short press the Mode button to enter the network settings. Select "Start setup" and press "YES" to start network configuration.

Switch Mode → Settings → Network Information
Setting   Open child lock / Network   Start setup

Setup Net   Configuring
NO YES

*Please turn on the Bluetooth of your phone in advance.

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TIPS:
Press "MODE" key to enter the mode switching interface, and then choose "Setting".

➕ → Add

③ Select 2.4G Wi-Fi and enter the password, click "**Next**", and then wait for the connection to succeed.

Next → ⏹

④ After the addition is successful, click "**Done**", and the smart socket thermostat has been added successfully.

⏹ → Done

■ Key Function Guide

*How to access different modes:
From the main interface, short press Mode button to enter the mode switching interface. Use the Plus or Minus button to toggle between modes, select the desired mode, and press the Mode button to confirm.

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

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

⏱ Programming mode
• You can switch between programming heating and programming cooling on device, and view programming settings for all 7 days of the week. Specific programming settings can only be set via APP.
• While in programming mode, select the "Heating" or "Cooling" sub-mode, confirm with the Mode button to access the programming settings preview. Use the Plus or Minus button to navigate through the programming settings from Monday to Sunday. Press Mode button to confirm to set programming heating/cooling.

⏲ Cycle Timer mode
• In this mode, the socket will cycle between ON and OFF states at regular intervals.
• During cycle timer mode, press Plus or Minus button to set the ON time duration first, confirm with Mode button. Then press Plus or Minus button to set the time of cycle OFF, confirm with Mode button.

🔌 Socket mode
• In this mode, you can toggle the output status and set a delay time.

• To toggle the output status, press Plus or Minus button, the ON and OFF displayed on the screen represent the output status, and you can also check the output status through the OUTPUT LED.
• To set a delay time, you can press Back button to enter delay time interface. Press Plus or Minus button to adjust the delay time value. Once the set time ends, the output will turn on or off.

⚙ Setting
• In setting menu, you can set screen, child lock, network, advanced settings, and acquire help and device information.
• The advanced settings will be described in the next section.

■ Advanced settings

Temperature difference:
It is the difference in temperature required for switching the device on and off. For example, if you set the value to 1.0℃, it means that when the setpoint temperature is 20.0℃, the device will start heating when the room temperature drops to 19℃ and stop heating when it reaches 20℃ (in heating mode).It will turn on cooling at 21.0℃ and turn it off at 20.0℃(in cooling mode).

Temperature calibration:
Calibrate room temperature when it is not accurate.

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.
• When the time interval between two cooling operations is larger than preset delay time, the equipment will start cooling immediately; when 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 value
Screen Brightness	High / Middle / Low	High
Screen Timeout	15s/30s/60s/120s/NEVER	30s
Temp. Unit	℃ / ℉	℃
Temp. Calibration	-15~15℃(-15~15℉)	0℃
Temp. Difference	0.1~10℃(0.2~30℉)	1℃
Cooling Delay	1~10min	OFF
Frost Protection	ON / OFF	OFF
High Temp. Alert	−30~110℃(-22~230℉)	110℃
Low Temp. Alert	−30~110℃(-22~230℉)	−30℃

■ APP Operation Interface

Current mode
Setpoint temperature
Output state
Room temperature
Temperature curve

Cooling mode
Programming mode
Cycle timer mode
Heating mode
Socket mode