WIFI Backlit Thermostat User Guide

Installation Guide

Contents

Product Features

- WIFI Control, Support both IOS & Android
- Compatible with Amazon Alexa and Google home
- Suitable for all electric heating up to 16 Amp max
- Economy Mode, manual mode & programmable Mode selection
- White Backlight
- Over-heating Protection
- Weekly Programmable (From APP only)
- Open window detection
- CE, ROHS certificate

Technical Data

Voltage	230V, 50/60Hz	Backlight	White
Load Current	16A	Sensor	β=3950 R25℃=10KΩ
Temp. Setting Range	5~35℃	Accuracy	± 0.5℃
Ambient Relative	0~50℃	Protection Class	IP30
Humidity	85%	Housing	ABS to UL94-5 fire retardant plastic

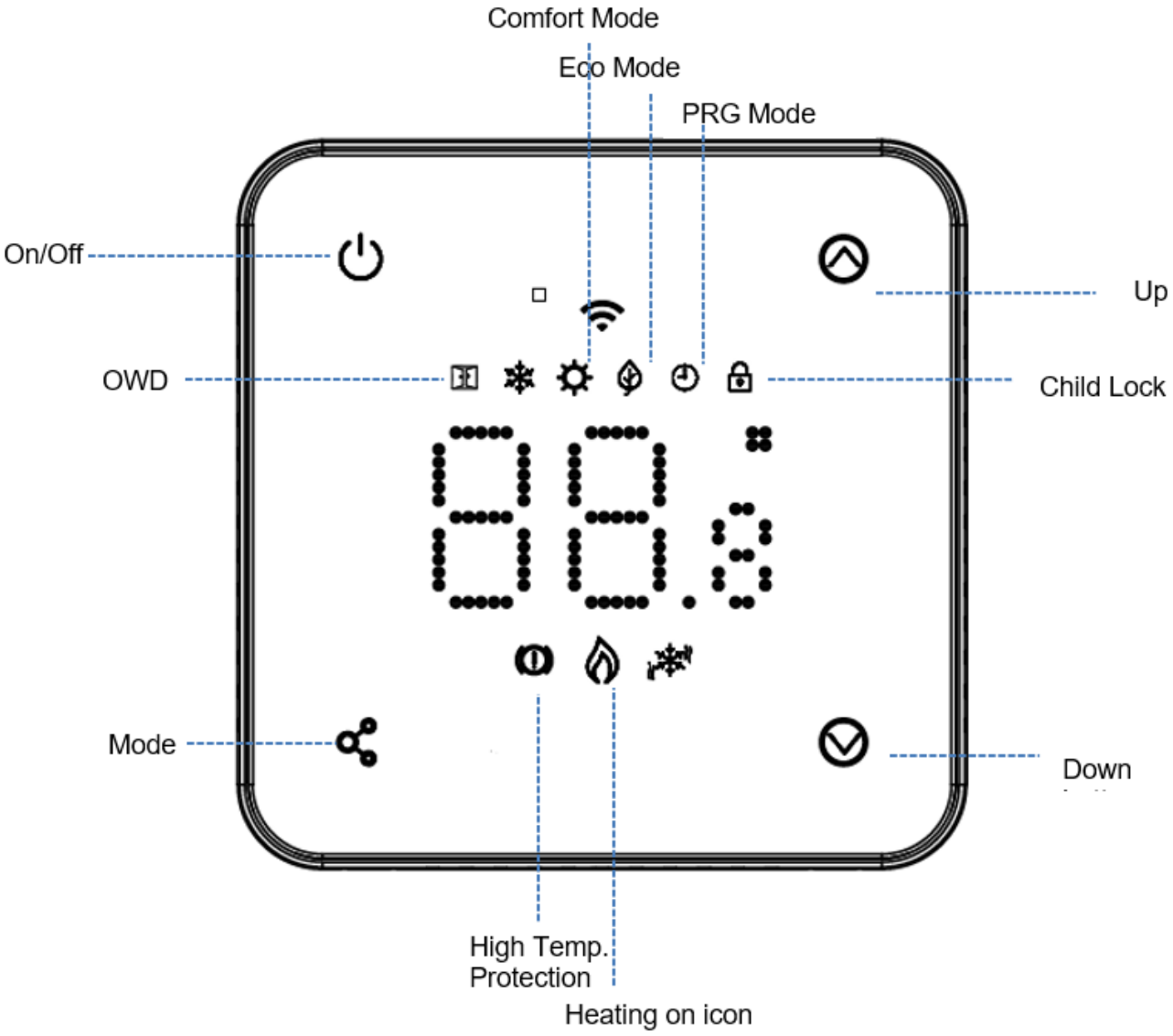
Connecting to Mobile or Tablet

1. Scan the QR code or search for the “Smart Life APP" in the Google Play store or Apple Store.
2. Ensure your smart phone or tablet is connected to your home WIFI network.
3. Install the Smart Life APP and register account.
4. Long press the ⏻ button to enter WIFI connection mode, then press ⌃ button, the

   The WIFI icon will then flash to show the thermostat is in connection mode.

5. Add the device by pressing the + button in the top right corner of the App.
6. The App will then scan for nearby devices, if the thermostat is found follow the on-screen instructions, if the thermostat is not found please follow from step 7, you may need to enter the thermostat into connection mode again, see step 4.
7. Select the product 'WIFI Backlit Thermostat' and enter your home WIFI password when prompted.
8. Tick “Blink Quickly” to add device.
9. Wait a moment until the connection is complete
10. Return to the main screen.

Screen and Display



Weekly Programmable Setting (change in APP only)

Default Settings

Period	**1**		**2**		**3**		**4**	
	Time	**Temp**	**Time**	**Temp**	**Time**	**Temp**	**Time**	**Temp**
1 (Mon)	07:00	22℃	08:30	19℃	17:00	22℃	22:00	19℃
6 (Sat)	07:00	22℃	08:30	19℃	17:00	22℃	22:00	19℃
7 (Sun)	07:00	22℃	08:30	19℃	17:00	22℃	22:00	19℃

Mode Select

Short press button to choose Eco mode Manual Mode (no icon) and PRG mode

Parameter Setting

To enter parameter settings:

Turn thermostat off, press and hold  and  for 5s
Each press of  button will move to next item setting.

Feature	Description	Range	Default Value
1	Internal Sensor Temp. Offset	-8 ℃ ~8 ℃	0
2	Set Point Max.	5 ℃ ~35℃	35 ℃
3	Set Point Min.	5 ℃ ~35℃0：A	5 ℃
4	Sensor Select	1：Floor 2：Air & Floor	2
5	Frost Protection Temp.	ON: 5 ℃ ~15℃ OFF: -- -8 ℃ ~8 ℃Read	5 ℃
6	External Sensor Temp. Offset	Only 20 ℃ ~80	0
7	Floor Temp. Display	℃0 ℃ ~3℃	
8	Floor Temp(Overheat) Limit	0: Unlock	32 ℃
9	Switching Differential	1: Lock	0 ℃
11	Child Lock	0: OFF 1: ON	0
12	OWD function	2~15mins	OFF
13	OWD Detect Time		15mins
14	OWD Drop temp. select （within detect time）	2-4°C 2 ℃	
15	OWD Mode Exit time select. (Return to previous working status)	10~60min	30mins
17	Reset	Choose 1, then long press on/of button till restart	
18	LED backlight Max. brightness level adjustment during operation	1~8	8
19	LED backlight min. brightness level adjustment during standby mode	0~8	0
20	Software No.		

Note: Settings 06, 07,08 will display only when feature 04 is selected for both air and floor sensor

Parameter Settings Explained

Feature 01 – This feature is used to calibrate the air sensor temperature when needed.
Feature 02/03 – Temperature Max.& Min. Limit: This function allows you to limit the use of the up and down temperature arrow keys.
Feature 04 – Sensor Selection: On this thermostat, you can select which sensor should be used, you can select between air temperature only, floor temperature only, or both (default). When you enable both sensors, the floor sensor is used as a floor limiting sensor and is designed to prevent the floor from overheating.
Feature 05 - Frost Protect Temperature: This is the temperature maintained when the thermostat is in Frost Mode. When room temperature drops below set point (default 5°C), the thermostat will turn on the heating.
Feature 06 – This feature is used to calibrate the floor sensor temperature when needed.
Feature 07 – When feature 04 is select to used both air senor & floor sensor, here you can read the floor temperature.
Feature 08 – Floor Temp (Overheat) Limit: This function is available when feature 04 is set to 02. You can set a floor limiting temperature between 10-35°C (32°C is the default setting). When the thermostat is in Overheat mode, the screen will show the icon“ ”,when the floor temperature is lower than the overheat set point, the thermostat will exit overhead mode, and resume previous working mode.
Feature 09 - Switching Differential: This function allows you to increase the switching differential of the thermostat. The default is 0°C which means that with a set temperature of 20°C, the thermostat will switch the heating on at 19.5°C and off at 20.5°C. With a 0.5°C differential, the heating will switch on at 19°C and off at 21°C.
Feature 11– This feature is used to enable/disable the child lock function. When the child lock is enabled, you can press ^ and ˇ button at the same time to unlock screen temporarily.
Feature 12 – This function allows you to save energy. When enabled the Open Window Detection function will automatically stop heating when it detects a sudden drop of room temperature (2°C in 15 minutes as default). The device will return to the previous mode of operation after 30mins and the icon will disappear. Pressing any button will exit OWD function during the heating off period.
Feature 13 - The OWD time setting, between 2-15mins (15 mins is the default setting).
Feature 14 - The OWD temperature drop setting, between 2-4°C (2°C is the default setting).
Feature 15 - The OWD exit time setting between 10~60min (30min is the default setting).
Feature 17- There are two methods to factory reset, long press ^ and ˇ button for 5 seconds to restart, or go to feature 17, press button 1 then long press on/off button until the thermostat restarts.

Setting up Multiple Users in the Smart Life App

If multiple users are required to operate the system you will need to set up a family group and add each member within the App

Adding a Family Group

1. Open the Smart Life App.
2. Select 'Me' in the bottom right corner.
3. Select 'Family Management', select 'And Family' and fill in the family name, this can be anything you would like to call your group, for example 'Smith Family' you can also select a location if needed and select which rooms will be available.
4. Click 'Done' in the top right and then 'Done' again to complete adding a family Group

Adding a Member to Family Group

1. From the 'Family Management' screen select the family group you would like to add to and select 'Add Member''.
2. Enter the family members name and either their email or phone number they used to register in the Smart Life App, the family member must have downloaded the Smat Life App and registered, you can also set the family member as an administrator from this screen which will give them access to change the thermostat temp etc.
   Click 'Done'.
3. The family member can now add the device, follow steps 4 - 11 in the 'Connecting to Mobile or Tablet' on page 2.
4. Each member will need to be in the same group to operate the thermostat, the group can be selected from the drop down on the main screen.

Installation Information

Below is a wattage to Amps, cable size guide and examples of radiators wattages that can be installed with this product, these are just guides and other factors may have an influence on the cable size needed such as cable length (voltage drop), ambient temperature and how the wiring is installed, please consult a qualified electrician if in any doubt.
CSA = Cross Sectional Area
*Load plus 125% of the continuous load

Wattage of Radiator	Amps at 240V	*125%	Cable CSA
400	1.67	2.08	1mm
500	2.08	2.60	1mm
600	2.50	3.13	1mm
700	2.92	3.65	1mm
800	3.33	4.17	1mm
900	3.75	4.69	1mm
1000	4.17	5.21	1mm
1200	5.00	6.25	1mm
1500	6.25	7.81	1mm
2000	8.33	10.42	1.25mm
3000	12.50	15.63	1.5mm

Wattage	Number of Rads	Total Wattage
600	5	3000
800	3	2400
1000	3	3000
1200	2	2400
1500	2	3000

Aftercare

Clean any marks with a soft dry or damp cloth, if you are unsure, please contact us first.

Your Guarantee

- This product is covered by a 3 year guarantee.
- The guarantee starts from the date of purchase.
- The guarantee covers you against issues caused as a result of manufacturing related issues, it does not apply to issues that are found to be a result of poor installation.
- Labour costs for installation of the product are not covered under this warranty.

Recycling and Disposal

The Waste Electrical and Electronic Equipment Directive (WEEE Directive) is the European Community directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) which, together with the RoHS Directive 2002/95/EC, became European Law in February 2003

The WEEE directive aims to reduce the amount of electrical equipment being produced and to encourage everyone to reuse, recycle and recover it.

In support of these guidelines and for environmental safety, do not dispose of any electrical equipment including those marked with the below symbols

When replacing old electrical devices with new ones the retailer is legally obligated to take back your old items for disposal free of charge. You can also recycle your old electrical devices free of charge at your local recycling centre. Please contact your local council for more information.

Please recycle the packaging in accordance with your local government regulations on waste handling and follow the same advice at the end of the products life.

Product - Plastic/PCB

Packaging - Cardboard

Contact us

Unit 1 & 2 Dawson Ct

Burnley

Lancashire

BB11 5UB