

LifeSmart®

Simply Brilliant

Smart Underfloor Thermostat

Setting up your LifeSmart Smart Underfloor Thermostat

User Guide Version 1.0

PRODUCT INTRODUCTION

Combine the LifeSmart Smart Underfloor Thermostat with your LifeSmart Smart Station and other devices to make your life simple, and to let our monitor, control and even automate your home or office environment. Perfectly integrated into the home thermostat solution, it provides the most comfortable home warmth in the cold winter.

Product Features:

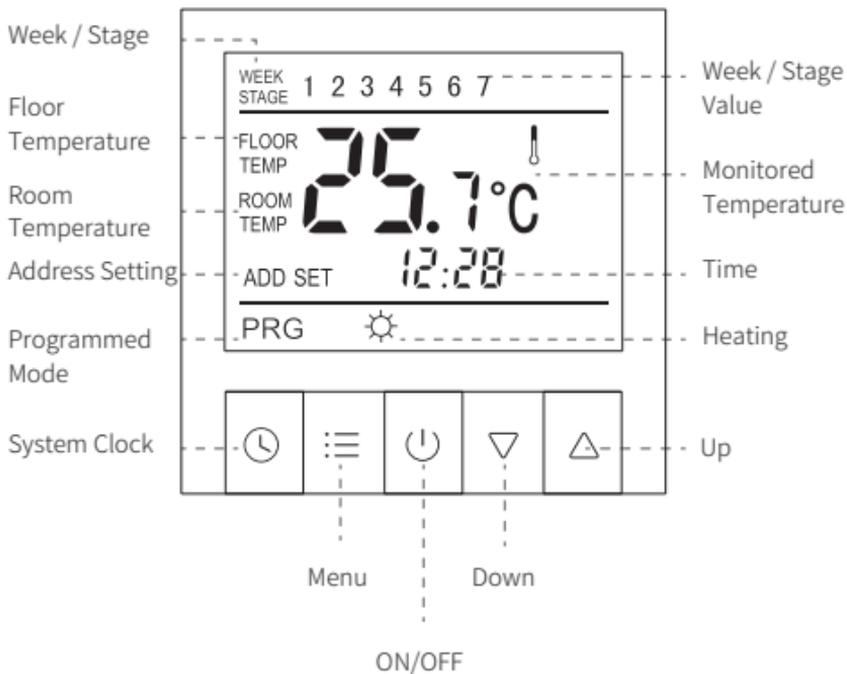
1. Auto keypad lock to prevent kids from false operation
2. You can either control it manually or use programmed schedule to turn it ON/OFF
3. Different temperatures can be set for up to 6 different time periods
4. 3 schedule templates : Week days + Weekend (5+2) Mode, Mon.-Sat. + Sun. (6+1) mode and Everyday (7) to choose from
5. Fire-Retardant plastic material made, stylish and safe

SPECIFICATIONS

POWER	AC 100-250V
MAXIMUM LOAD	10A
INTERVAL	0.5°C/Step
TEMPERATURE ACCOUNTED	0.1°C
BUILT-IN SENSOR	NTC Thermistor B=3380 10k@25°C Monitor Range 0-40°C Setting Range 5-35°C
EXTERNAL SENSOR	NTC Thermistor B=3380 10k@25°C Monitor Range 0-95°C Setting Range 0-90°C

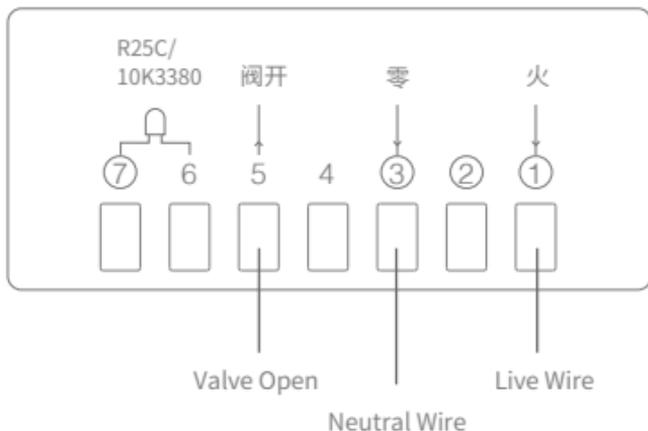
0°C* will be shown on screen if the temperature monitored is or below 0°C

Smart Underfloor Thermostat



WIRE OPERATIONS

Please install wires in strict accordance with the wiring layout on the back of the power box. Or we won't be responsible for the damage of the product.



PRODUCT INSTALLATION

HOW TO INSTALL

- 1 Separate the outer frame and the thermostat;
- 2 Separate the power box bottom with iron stand and the panel with the display screen;
- 3 Install wires in strict accordance with the wiring layout on the back of the power box;
- 4 Fix the iron stand of the power box to embedded bottom case with screws;
- 5 Put the outer frame on and place the panel into the power box.

HOW TO UNINSTALL

- 1 Remove the outer frame and the panel;
- 2 Remove all the screws and pull out the thermostat.

LifeSmart Smart Underfloor Thermostat is a high precision electronic apparatus. Please treat carefully.

App Installation

Get LifeSmart by scanning the QR code below:



- 1 Power on, press and hold “△” for at least 5 seconds until the indicate light flashes, then click “Start Pairing” .
- 2 Smart Thermostat starts pairing. When it’ s connected, click “Confirm” to finish pairing.
- 3 If pairing is failed, please repeat the steps above until pairing is successful.

OPERATIONS

1 Turn ON/OFF

Press “” to turn ON/OFF. Room temperature and ‘OFF’ will be shown when it’s turned off.

2 Parent Control

Press and hold “” and “” for 2 seconds, the keypad will be locked. To unlock it --- , press and hold “” and “” for 2 seconds again.

OPERATIONS

3 System Clock Setting

To set or adjust system clock, press and hold “⌚” for 5 seconds to enter. Press “⌚” to choose a flashing option from Week, Hour, Minute, then press “▽” or “△” to adjust the value. Press “☰” to jump back to previous option anytime during setting up. Press “⌚” again to finish clock setting.

OPERATIONS

4 Switch Between Manual/Programmed Control

Press “ :≡ ” to switch.

- **Manual Control**

Thermostat follows your instant input to control the temperature. PRG or STAGE VALUE won't be shown on screen.

- **Programmed Control**

Thermostat automatically function with high performance of energy saving following programmed schedules. PRG will be shown on screen when programmed control is activated. WEEK and STAGE VALUE will be shown in flash alternately in 5 seconds interval, and number from 1 to 7 indicates Monday to Sunday or pre-set time period.

MONITOR METHOD AND DISPLAY

Choose from 3 different monitor methods upon 2 sensors to gain the best experience you require. Enter System Menu to set up.

- **Monitor Method (IN)**

The internal sensor monitors room temperature. “ROOM TEMP” and room temperature value will be shown on screen, target temperature and current time value will be shown in flash alternately in 5 seconds interval.

- **Monitor Method (OUT)**

The external sensor monitors floor temperature. “FLOOR” and floor temperature value will be shown on screen.

MONITOR METHOD AND DISPLAY

- **Monitor Method (ALL)**

Both internal and external sensor work together to monitor room and floor temperatures. If a temperature excursion of underfloor heating is detected, the thermostat shuts down the heating automatically. Press “🕒” and “▽” together to view floor/room temperature, with “FLOOR” or “AIR” shown in flash alternately in 5 seconds interval.

TIME PERIOD SETTING

You can easily set up different time periods to allow the thermostat to operate the programmed control automatically, once for all. There are up to 6 time periods and 3 schedule templets including Week days + Weekend (5+2) Mode, Mon.-Sat. + Sun. (6+1) mode and Everyday (7) to choose from. Each time period consists of duration data and a temperature input.

Press and hold “:≡” for 5 seconds to enter time period setting. Then press “:≡” again to choose a flashing option from Hour, Minute and Temperature.

TIME PERIOD SETTING

Press “” or “” to adjust the value. Press “” to jump back to previous option anytime during setting up. If you want to delete a time period setting, press and hold “” until “OFF” can be read on screen.

TIME PERIOD SETTING

Weekdays + Weekend (5+2) Mode is in default. Detailed data is below. You can customise the time period anytime.

5+2 Mode	ID	P1	P2	P3	P4	P5	P6
Mon. - Fri.	Start Time	06:00	08:00	11:30	12:30	17:00	22:00
	Temperature	22°C	16°C	16°C	16°C	22°C	16°C
Sat. & Sun,	Start Time	06:00	08:00	11:30	12:30	17:00	22:00
	Temperature	22°C	16°C	16°C	16°C	22°C	16°C

e.g. The unit in grey indicates: Thermostat works with 5+2 mode. If it's anytime between 08:00 and 11:30 on a Weekday morning, then the screen will read Stage 2, TEMP 16°C

SYSTEM MENU SETTING

► Warning

System menu contains very important configurations, please do not edit any of them. In which case, you don't

Enter System Menu

Press “🕒” and then “☰” within 1 second when the thermostat is off (“OFF” can be read on screen) to enter system menu.

Press “☰” and “△” or “▽” to choose and adjust the options and values.

SYSTEM MENU SETTING

To save new setting, you have to go through ALL options and then quit the menu. Please refer to the sheet below to view the options.

SHOWN ON SCREEN	OPTION	DEFAULT	RANGE	DESCRIPTION
BL	Backlight	OFF	ON: always on OFF: auto	You can edit the backlight duration on Auto
SAE	State after Power Cut	OFF	ON: same state before power cut OFF: state before power cut when power off	Turn on and remain the same power back on; or stay OFF
FP	Frost Proof	OFF	ON: Frost proof on OFF: Frost proof off	Anti freeze in water piped system when turned on
CAL	Temperature Correction	-2.5°C	-5 — 5°C	Temperature correction if a measurement error occurs

SYSTEM MENU SETTING

dt 0	Internal Sensor Hysteresis	1°C	0.5 – 4°C	Value of internal sensor hysteresis
dt 1	External Sensor Hysteresis	3°C	0.5 – 5°C	Value of external sensor hysteresis
PG	Programmed Time Period Mode	5+2	5+2 6+1 7	5+2: weekdays+weekend mode 6+2: mon-sat + sun mode 7: mon-sun mode
tOP	Top Temperature	50°C	40 - 80°C	Temperature limitation of external sensor when on ALL
SE n	Monitor Method	IN	In Out All	Please refer to Monitor Method pages for details
Rdd	Network Address		1 - 255	
dE F	Restore to Factory Default			Restore to Factory Default

Q & A

Why can't I read anything on screen?

- 1 Please check if the power is on.
- 2 Wiring is wrong. Please check the layout again.
- 3 No read on screen if the temperature is not in working temperature range.
- 4 Wrong or poor connection between power box and the main panel
- 5 Damage or failure of the product. Please install carefully to prevent it.

Q & A

Why is there a fracture of the screen of my thermostat

Please avoid any strong physical impact onto the screen.

Why is the screen blank?

Check if there is any heating object around. If so, remove

Why can't I read the full text on screen?

Check if the panel is installed properly. Please adjust the

Why the backlight is not on?

Please check if the cable of the backlight is connected and not damaged.

Q & A

What does Er0 / Er1 mean?

Er0

Internal sensor failure. Check if the sensor is damaged during installation.

Er1

External sensor failure. Check if the sensor is damaged during installation.

External sensor not connected under Monitor Method ALL.

Why is the backlight always lit?

Check if you have already chose Backlight On in system setting. Or a damage has occurred to the backlight chip.

Q & A

Why is there an obvious error on monitoring temperature?

- 1 The thermostat should NOT be placed in confined spaces or stagnant air.
- 2 The thermostat should NOT be placed near any heat source or under direct sunlight.
- 3 Check if the screws are placed tight at the back of the product.

Is it normal that a “0°C” is always read on the screen?

If the temperature is or below 0°C, the thermostat will only read 0°C on screen.

If your questions cannot be found above, please consult our customer service team.

WARRANTY DESCRIPTION

Thank you for purchasing this LifeSmart product. In order to protect your right, please read the following content carefully: The warranty period of our company's products is one year from the date of purchase or longer if local laws impose a longer minimum term, in which case the minimum term is the warranty period. During the warranty period, any faults caused by the product itself for quality problems that arise under

IN YOUR PACKAGE

- Panel with screen 1
- Power Bottom Box 1
- Screws patch 1
- User Guide 1

Please contact our customer service team before you send over for replacement through 400-886-1911

ATTENTION

The following conditions are not covered by

- Product failure or damage caused by installation, use, and maintenance that is not in accordance with the product instructions;
- Products beyond the warranty period;
- Products that have the barcode tampered with or removed;
- Devices that have been tampered with or customised outside of LifeSmart Terms of Service as on the LifeSmart APP and website;
- User-Caused damage. such as inappropriate voltage input, high temperature, accidental spillage, physical damage, etc;
- Product failure or damage caused by force majeure such as earthquakes, fires or floods; Product failure or damage caused by other problems except the product itself.

TECH SUPPORT

- **Email:**

support@ilifsmart.com

- **Telephone:**

400-886-1911

- **QQ:**

4008861911

- **Website**

www.ilifsmart.com



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