Wi-Fi/Zigbee
TW Smart Thermostat
User Manual
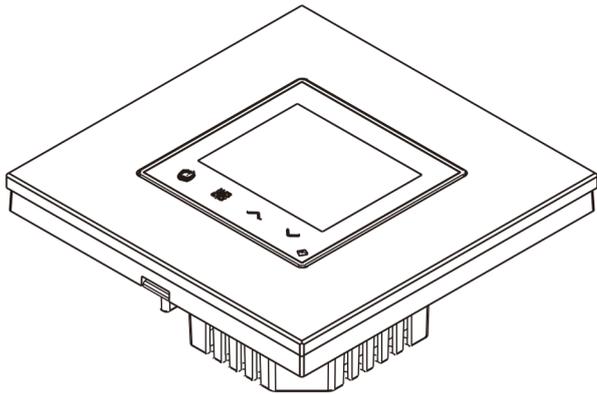
Wiring Diagram
### (Electric)

85V-250V AC

LOAD Imax
(16A-18A)

N N1 L L1

NTC

CE RoHS

Wiring Diagram
(Water)

85V-250V AC

10A

LOAD Imax
(3A-10A)

N L L1 L2

NTC

CE RoHS

Dimensional Drawing

86mm

49.8mm

N N1 L L1

NTC

86mm

35.5mm

CE RoHS
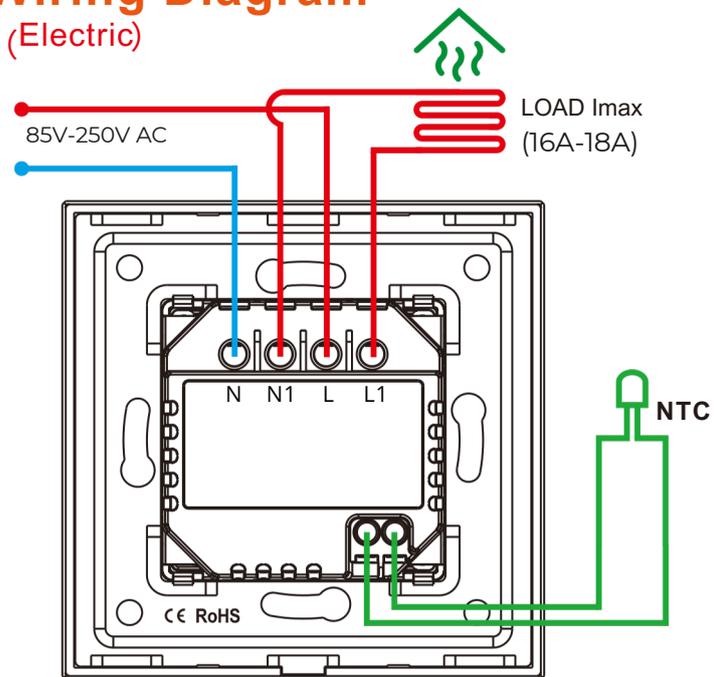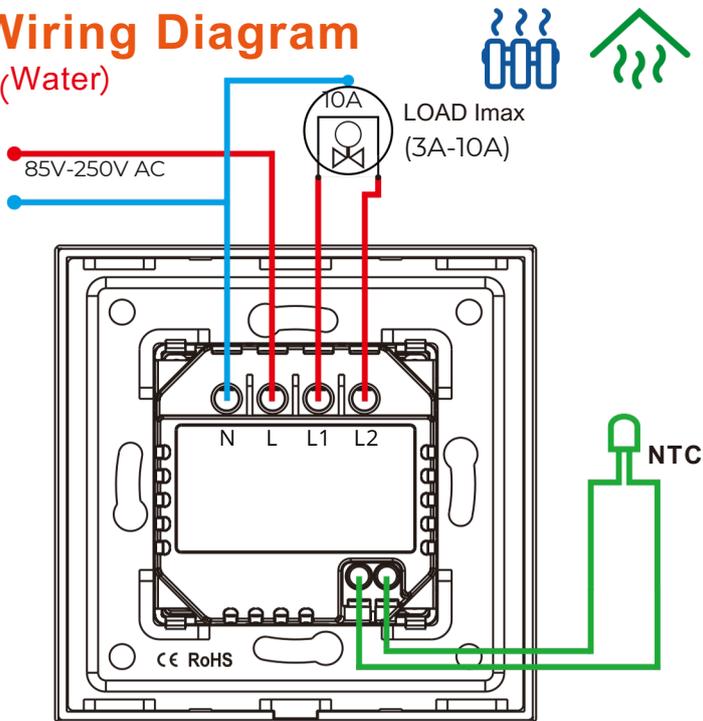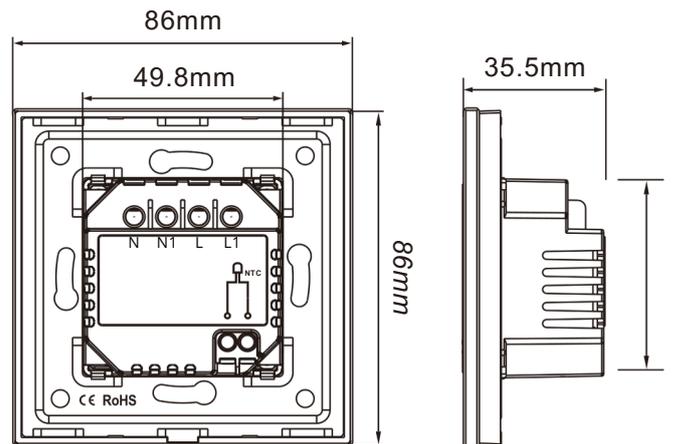
DIMEN (H x W x D)   86 x 86 x 35.5 mm

Product Description

Power Mode   Up   Down
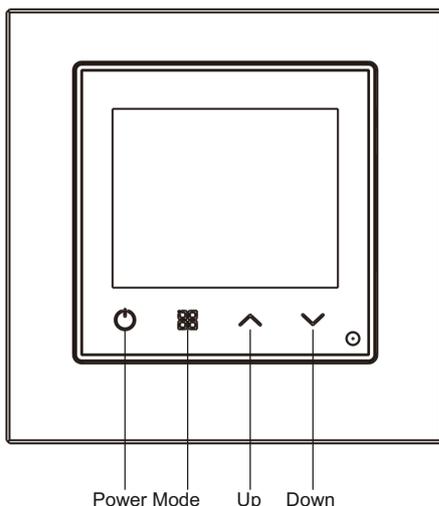
Key display description

Display symbols	Option Content	Default	Press the "+-" key to adjust the setting parameters
1	Temperature compensation	00	-9 degrees to 9 degrees
2	Sensor selection	00	00：internal 01:external
3	Backlight light time Upper	01	00:30s no light, 01:30s slightly bright, 02: always light on
4	temperature limit Lower	35	35-50 Degrees Celsius
5	temperature limit	1	1-5 Degrees Celsius

NOTE:

1. You can freely match the colors of the panel and function parts.

2.Glass/Plastic Frame Include The Metal Plate.

3.You have to cut off the power and during the installation.
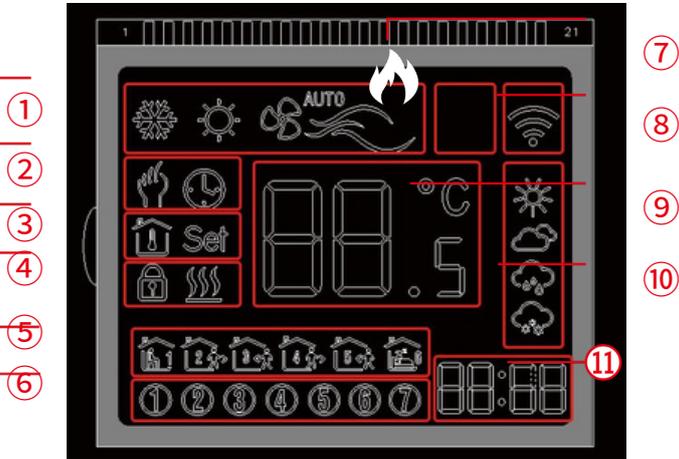
①	Displays the current temperature or sets the temperature	⑥ Displays the day of the week
②	Manual/Automatic	⑦ Not displayed
③	Current temperature/set temperature	⑧ Heating status indication
④	Child locks/underfloor heating	⑨ Network signage
⑤	Displays the timing of the week	⑩ The weather is not displayed
		⑪ Displays the current time

Key function operation:

1. Power on and off function:
short press the "power on/off" button to turn on or off.

2.Mode switching:
The default mode is manual mode when power on, short press the "Mode" key to switch automatic mode and manual mode,The temperature can be set by "+-" in manual mode. "+-" is invalid in automatic mode,weekly timing setting control the automatic mode temperature.

3.Time setting:
long press the "MODE" button for 3 seconds to enter the current time setting, minute time into flashing, through "+" "-" can enter the time setting, if long press for 1 second can fast setting time.Tap the mode button again to set the hour, and the hour time flashes, through +- to set, press the MODE key

in turn to enter the week setting, weekly timing setting, weekly timing setting is divided into 3 parts. The first part is from Monday to Friday, the second part is Saturday, and the third part is Sunday, each part can be set to 6 segments (Zigbee has 4 segments), each segment can be set to the corresponding time period and target temperature. When the setup is complete, exit the setup. If there is no operation during the 15 seconds setup process, it will exit the setting and save the settings.

4. Child lock function:
Child lock function: when the thermostat is turned on, press and hold the "+" and "-" keys for 5 seconds to set the function of opening or unlocking the child lock.

5. Network configuration settings:
long press the "-" button in the power off state for 5 seconds to enter the network configuration state, the backlight is on, the WIFI indicator flashes, if

there is no Internet access within 3 minutes, exit the network configuration, if it is equipped with Internet access, then turn on,Thermostat will synchronize the local time after booting, and obtain the local time every 10 minutes.

> **Note:**During The Adding Process,The Smartphone Should Be In A Direct Range With The Device

6. Production test:
In the power off state, press the "+" button to enter the product test mode, and after the production test is successful, the relay will act 3 times. At the same time, the backlight also flashes 3 times.

7. Factory reset:
Press the "MODE, +" buttons at the same time in the boot reset mode state to restore to factory original settings.

8. Advanced options:
Long press the "Mode" key for 5 seconds to enter the advanced options when in the power off state, press the mode key to switch to the next item and save the value of the previous setting, It can be also saved when press the on/off key.

> **Note:**Please read the user manual carefully before using the product

Limited Warranty

The limited warranty does not cover any failures and operating difficulties due to abuse,misuse, alteration, misapplication, improper installation. and maintenance service by you or any third party.

The limited warranty does not cover damages to the finish, such as scratches, dents, discoloration or rust after purchase.

> In case of problems while adding the device. reset the appliance and repeat the adding process.

Our Mission Is To Provide You The Best Smart Devices Ever!