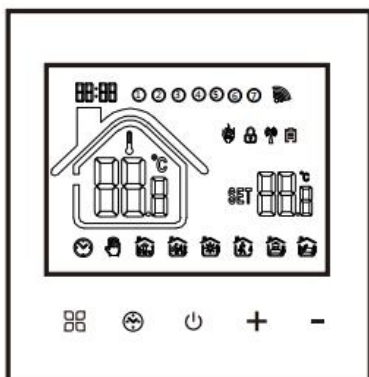


TDR89 ZIGBEE THERMOSTAT USER GUIDE



THIS THERMOSTAT IS SUITABLE FOR WATER HEATING, ELECTRIC HEATING AND GAS BOILER

Welcome

Thank you for your trust and support. By adopting higher-end technology and more perfect technology, your new thermostat will provide you with the right temperature environment every day in the future, making your life more comfortable and your living environment more stylish and beautiful. For detailed instructions on the installation and use of this thermostat, please read this manual carefully. Please contact a professional to install the thermostat for you and install and use the product to the extent permitted by law.

Application

Intelligent digital temperature controller is a floor heating system suitable for room temperature control and household temperature control. It controls the operating state of the floor heating equipment by comparing the ambient temperature with the set temperature, which improves comfort and achieves energy saving. This digital temperature controller adopts microcomputer control technology and is equipped with full-screen display touch buttons, which is elegant in design and easy to use. The thermostat has manual automatic, programmable and state memory functions.

Product packaging

Thermostat host	1 PC	Qualification certificate	1 PC
Sensing line (optional)	1 PC	Manual	1 PC
Screw	2 PCS		

Product Model

WP Plumbing 3A

EP Electric Heating 16A

WPB linkage, gas boiler 3A

User Notes

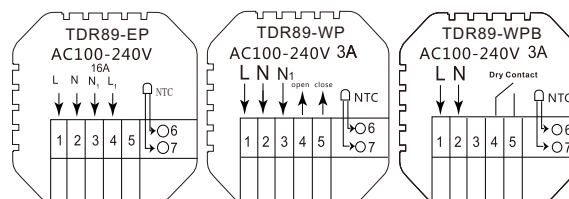
1. Please read this manual carefully. Improper operation may damage the product or cause dangerous conditions.
2. The installation personnel must be well-trained and experienced service

technicians.

3. After installation, please read this manual carefully and operate the product according to the instructions.

Caution: Risk of electric shock or equipment damage.

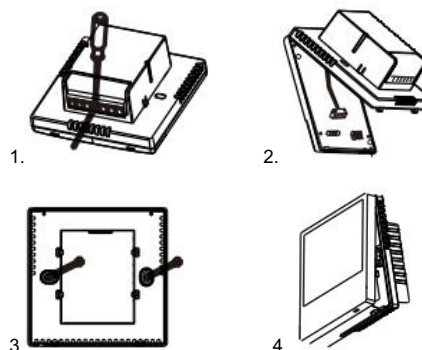
Wiring Diagram



Note: EP for electric heating; WP for water heating; WPB for gas boiler

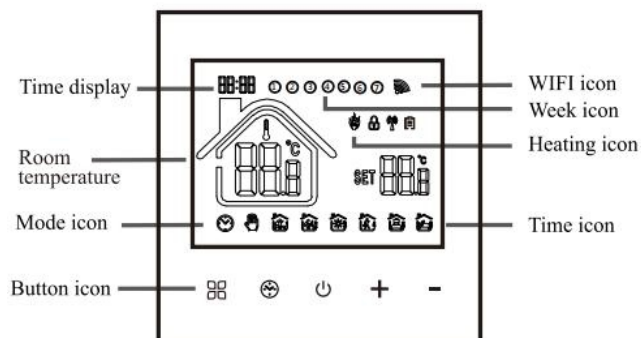
Installation procedure

This product is installed with a standard 86 control switch (in compliance with European regulations).



1. Connect the power box according to the wiring diagram.
2. Separate the power supply from the control board cable.
3. Screw the power supply into the box of 86.
4. Connect the power board to the control board line, and align the buckle at 30 degrees to complete the installation.

Description of display & Icon



Operating Instruction

1. Power on/off: press to turn on/off the thermostat.
2. Press the key to switch between manual and automatic modes.
3. In the automatic mode, press or to adjust the temperature to enter the automatic temporary mode. This mode runs for only one session.
4. Press key to enter the clock setting, press the mode key to switch settings options, and press the and keys to adjust the value of each parameter.

5. Simultaneously press and hold the **+** and **-** keys for 5 seconds to add or cancel the child lock.

6. WIFI link: When the thermostat is turned on, press and hold the **+** button for five or eight seconds, the WIFI icon flashes on the thermostat display, and the thermostat enters the code matching state.

Time programming instructions

Long press the  key to enter the programming setting, short press the  key to switch options, press the **+** or **-** key to adjust the parameters of each option, and press the  key to exit and save mode.

KEY	OPTION	ICON	TIME	ADJUST	DEFAULT	ADJUST
	workday	1 	06:00	+	20℃	+
		2 	08:00		15℃	
		3 	11:30		15℃	
		4 	12:30		15℃	
		5 	17:00		22℃	
		6 	22:00		15℃	
	Holiday	1 	08:00	-	22℃	-
		2 	23:00		15℃	

Advanced options

In the **power-off** state, press the  key and  key. Press for 5 seconds to enter the advanced option settings. Press the  key to enter the next option, then press the **+** and **-** key to adjust options, and press the  key to exit the advanced option setting mode.

Display Code	Function	Setting And Options	Factory Defaults
01	Temperature calibration	-9.9-9.9℃	-1℃
02	Sensor selection	IN: Use the internal sensor OUT: Use the external sensor ALL: Use both internal and external sensors.	IN
03	Measured temperature extreme value Modification	25-95℃	60℃
04	Temperature hysteresis	0.5-10℃	1℃
05	Antifreeze function	OFF: Close anti-frozen ON: Open anti-frozen	OFF
06	Weekly programming mode setting	7: 7 working days 6: 6 working day+1 rest day 5: 5 working day+2 rest day OFF: turn off programming	5
07	Main and auxiliary reverse selection	00: close the main and auxiliary reversal 01: auxiliary reversal	00
08	Backlight brightness	00 : turn off the backlight 01 : low brightness 02 : medium brightness 03 : high brightness	03
09	Set temperature upper limit	15-95℃	60
10	Restore factory defaults	long press + button to adjust the display "----", press  button to restore the factory settings	-
11	Sound	ON: turn on the sound OFF: turn off the sound	ON

About wireless connection

Before using the wireless thermostat for the first time, you should set the signal and configuration through your smart phone or tablet to allow communication between your connected devices.

WIFI connection: When the thermostat is turned on, press and hold the **+** button for 5 seconds, the WIFI icon flashes on the thermostat display, and the thermostat enters the code matching state.

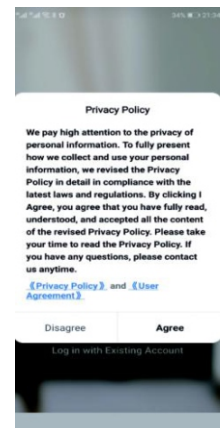
1. Download the APP

Search for "Tuya" in App market or scan below QR Code to download

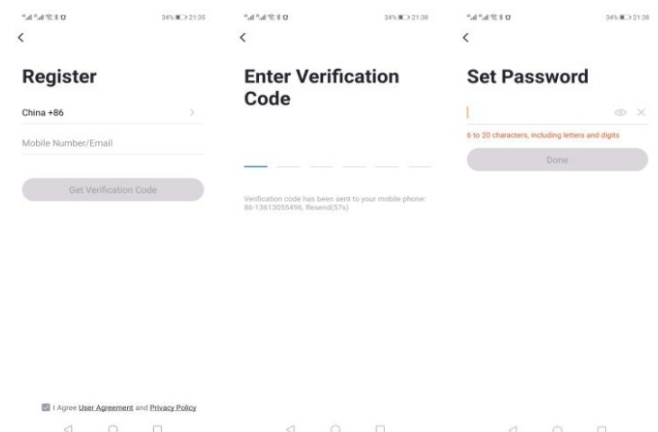


2. Register Account

If you don't have an APP account yet, you can choose to register or log in via SMS verification code. Click "Create a new account", you will enter the Tuya Smart Platform Privacy Policy page. After you click Agree, you will officially enter the mobile phone registration page.

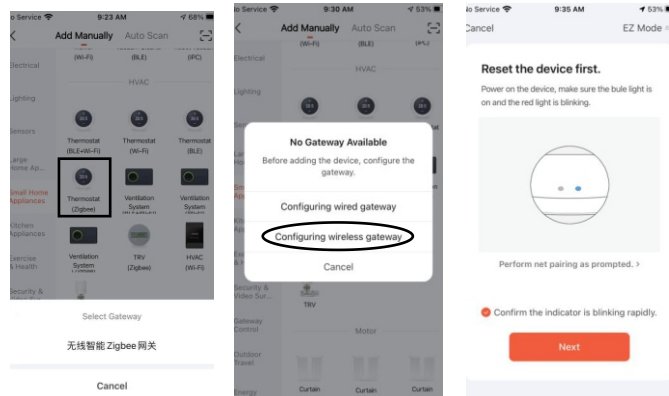


The system automatically determines the current country/region. You can also select the country/region manually. After entering your mobile phone number or email address, click "get verification code". Enter the received verification code, then enter the password, and click "finish" to register successfully.

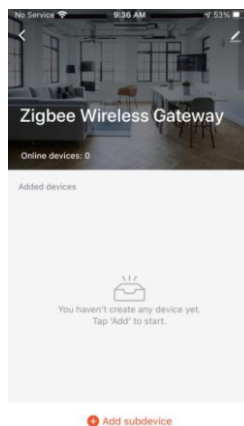
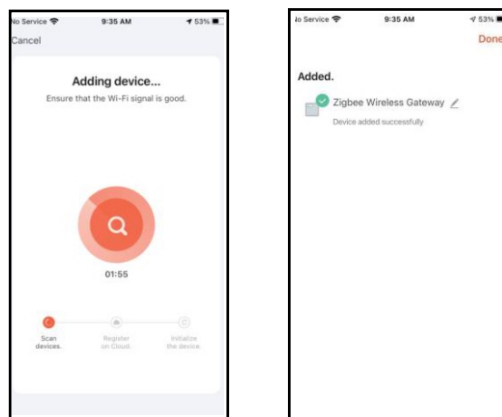
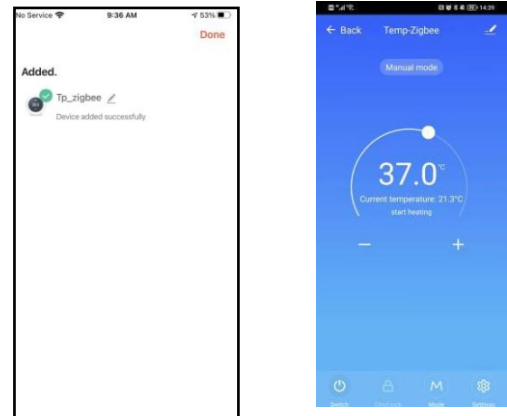


3. Add gateway device

Click "Add Device" or "+" on the top right of the APP homepage, and enter the "Add Device" interface.



5. Display of temperature controller APP interface



4. Thermostat add

