



Zigbee Radiator Actuator User Manual



This product need Homcloud Zigbee Gateway/Hub to be used correctly.

Quick Configuration

<p>Search for "Homcloud" or "Smart Life" on the Google Play Store or on the iOS App Store and download the App.</p>	<p>After the ZigBee gateway is configured, enter the gateway to add sub-devices and select temorvalve or t&H sensor. Install the valve, add batteries and wait for the actuator to be powered on and the system self-check is completed. Long press access to setting, short press until you select icon, short press to exit setting, then long press 3-5 sec until icon flashing accessing network connected mode.</p> <p>(Refer to the gateway manual for Zigbee gateway configuration if necessary).</p>
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Product Specifications

Power: 2* AA alkaline batteries	Insulating condition: 0-50°C
Display accuracy: 0.5°C	Running program: Set per 1 week as a cycle
Probe sensor: NTC (10k)1%	Size(mm): 53*89.5mm
Maximum route: 4.5mm	Range of temperature display: 1~70°C
Default range of temp. adjustment: 5~35°C	Maximum current: 90mA
Working environment temperature: -10~60°C	Thread size: M30*1.5
Model N°: HY368	Homcloud code: XH-TVZ

Displays & Buttons

No.	Icons	
A	Auto Mode; Low battery; Children lock; Open Window function	
B	Holiday mode; Boost mode; WIFI connection status Auto mode period SET Set temperature/advanced options Valve status	
C	Time setting interface: hours settings; minutes settings	

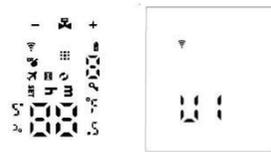
Declaration of Conformity

Hereby, Life365 Italy S.p.A., declares that this wireless device complies with the essential requirements and other related provisions of Directive 2014/53/EU of the European Parliament and of the Council. The declaration can be consulted on the website www.homcloud.com/doc. "Homcloud" is a registered trademark of Life365 Italy S.p.A.

No.	keys	Represent
D		1.Short press to switch manual mode and auto mode 2.Long press to access setting interface 3.Confirm key
E		1.Decrease key 2.Long press 3s to lock/unlock keys
F		1.Increase Key 2.Long press 3s access Boost function setting, Press any key during operation to exit this function and return to the original working mode

Installation and Settings

After power on, the screen will show all icons for 3 seconds.



Time setting:  flashing, press  display  hour setting, press  or  to adjust value, press

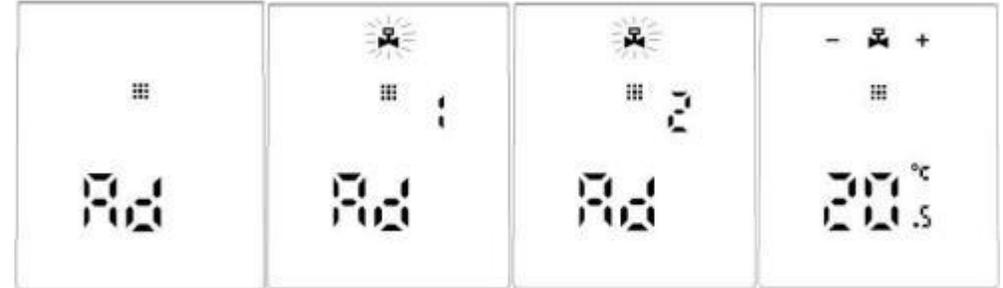
 again display  minutes setting, press  or  to adjust value ,press  again to set week, press

 or  to adjust value, press  to confirm setting and remember time.

Note:after actuator self-testing,under normal working status,if need to modify time,please  and press

3s access to setting. And press  to choose  , short press  enter time setting. the same as above method.

Display "AD", press  Start system self-check, when display "1", this is the first step of system self-check. When Display "2", this is the second step, after finish self-check, If there is no fault prompt, it will enter the normal working state. If there is a fault prompt, please handle the fault first, otherwise it will not enter the normal working state to self-test again.



Malfunction

Error Code	Description
E1	Motor fault
E2	Sensor fault
	Flashing show low battery

Special Function description

Holiday mode:press  3s access to setting interface, s h o r t press  to choose holiday mode 

then short press  enter temperature setting, short press  setting days setting,press  or 

to adjust value. under holiday mode, short press  to exit holiday mode.

Open Windows Function: 1. The actuator turns off the window opening function by default, if you need to use it, you can turn it on in the advanced option A2 setting [reset when changing the battery]

2. When the actuator detects that the indoor temperature drops quickly to the valve closed setting value (adjustment range: 5°C-25°C), the valve will be closed for 15 minutes (adjustment range: 5-60 minutes), and it will be closed after the window opening function is completed. Return to the original operating mode, but the valve will be fully opened.

Programming mode setting

Press  about 3s access to setting interface, short press  switch to , short press  access to programming, short press  to choose which item you want, First set the auto mode to 5 means 5+2 days, 6 means 6+1 days, 7 means 7 days), after press  to access to hours setting, Short press  access to temperature setting. Press  or  to adjust value.

Automatic mode parameter setting sequence: After finish Auto modem setting(ex:5+2), press  access to first period hours setting, press  or  to adjust value.

Press  to access to first period minute setting, press  or  to adjust value, press  access to working days first period temperature setting, press  or  to adjust value, press  to set second time period, third time period..... from working day to holiday. After setting, do not operate the button for 10 seconds, the setting parameters will be automatically saved and the normal working interface will be returned.

period	Default period	Default temperature
1	6:00-8:00	20°C
2	8:00-11:30	15°C
3	11:30—12:30	15°C
4	12:30—17:30	15°C
5	17:30—22:00	20°C
6	22:00—6:00	15°C

Advanced options

Press  about 3-5s to access to setting interface, Short press  until  flashing, press  to access to advanced options, press  or  to adjust value, after finish setting every time, short press  to set next option, after finishing all, don't operate, after 10s it will automatically save and exit.

No	Item	Setting parameters	default
A1	Measuring temperature correction	-9--+9°C	1°C accuracy correction
A2	Window ventilation function: Window temperature and window function operating time	1: display   means close window ventilation function close, press  key display 5°C means this function open (temperature setting range: 5-25°C) 2: operating time:5-60 min (after open function, press  change setting)	1.default of power on is   means close
A3	Automatic lock if no operation more than 10 minutes	0: close 1: open	0
A4	The minimum limit of the setting temperature	1-15°C	5°C
A5	The maximum limit of the setting temperature	16-70°C	35°C
A6	BOOST mode operating time	100s-900s , Steps of 100 seconds	300Seconds

A7	Check valve opening	0-99 99 mean valve open 100% 5 mean valve open 5%	?
A8	Heating start/stop Temperature hysteresis	0.5-1.5	1
A9	Display mode	0: vertical display 1: horizontal display	0
A	Control type of valve	0: PID 1: ON/OFF	0
AB	Reset	Display 88, using + or - to change to 00, press  to reset. The screen will be fully displayed for 2 seconds.	

Complete configuration for Zigbee Gateway (to be bought separately) and Radiator actuator Zigbee Homcloud

1. Download the App and register your account

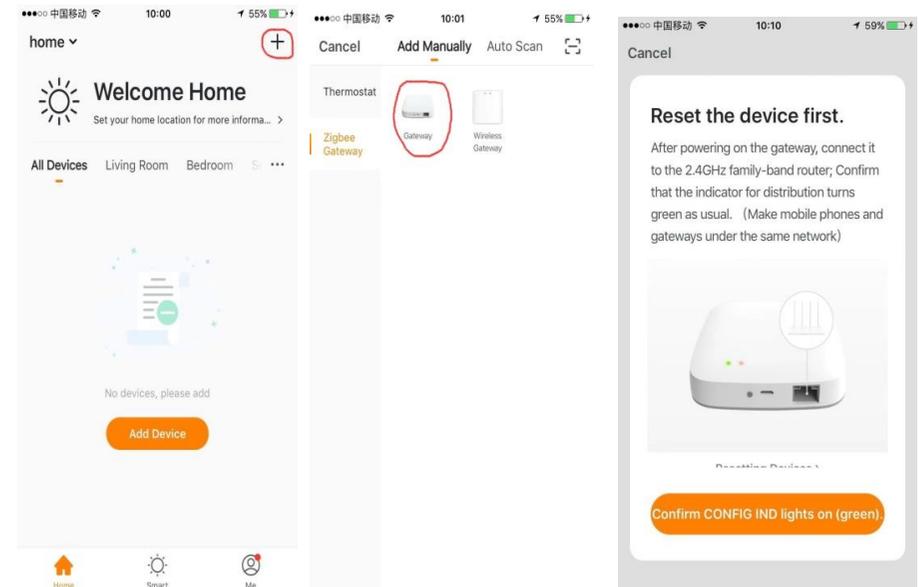


Or search for "Homcloud" or "Smart Life" to download the App, then register your account

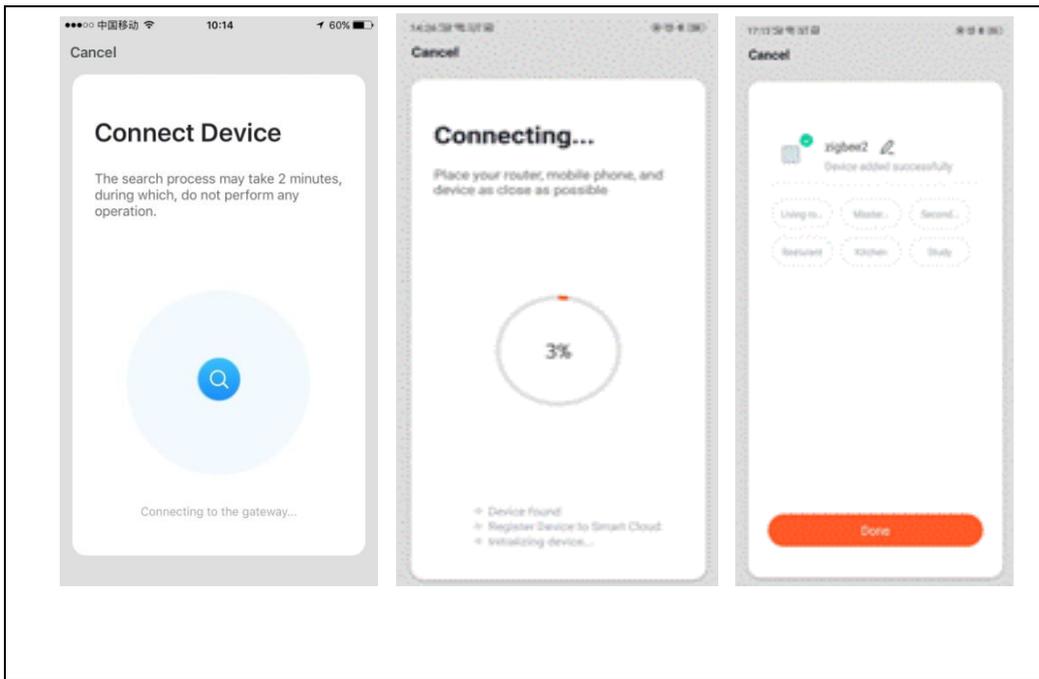
2. (option 1) Wired gateway connections:

Note: Make sure of your smart phone and gateway are connected to the same wireless router

1. Press and hold gateway button for 10S, make sure the two indicators are always on.



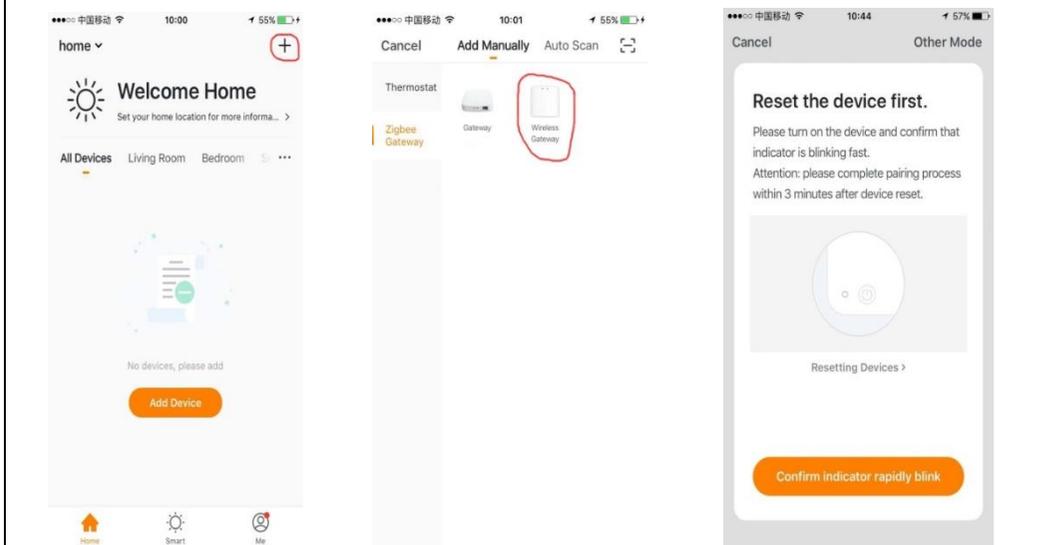
2. Click the **+** in the upper right corner
3. Select the gateway
4. Confirm Indicator lights on (green)



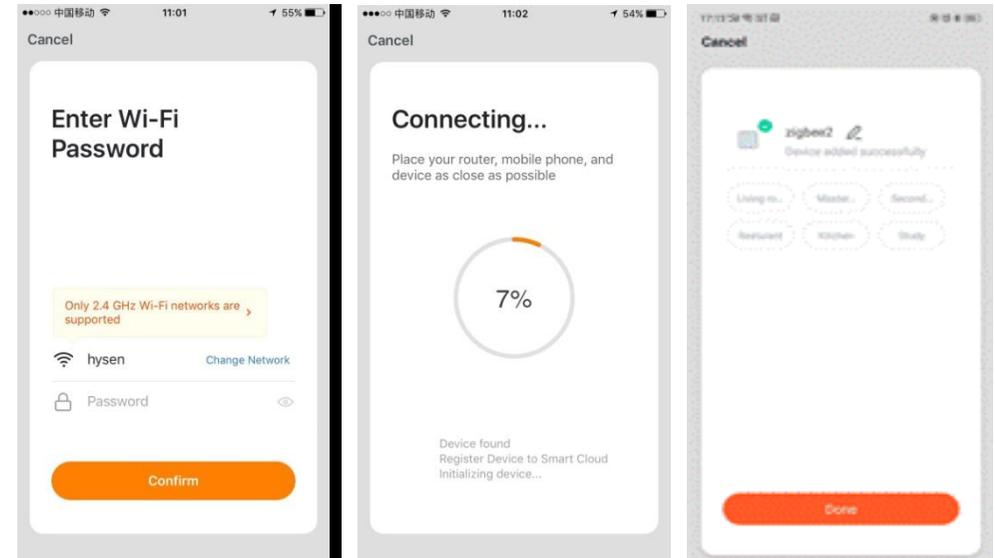
3. (option 2) Wireless gateway connections:

Note: Make sure of your smart phone and gateway are connected to the same wireless router.

1. Press and hold wireless gateway button for 10S, make sure the two indicators are always on.



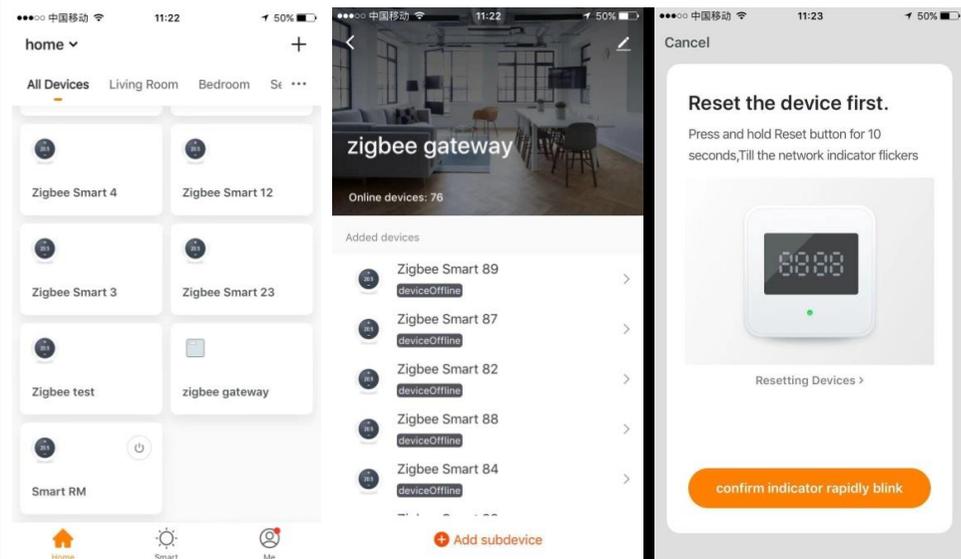
2. Click the **+** in the upper right corner
3. Select the wireless gateway
4. Confirm indicator rapidly blinking



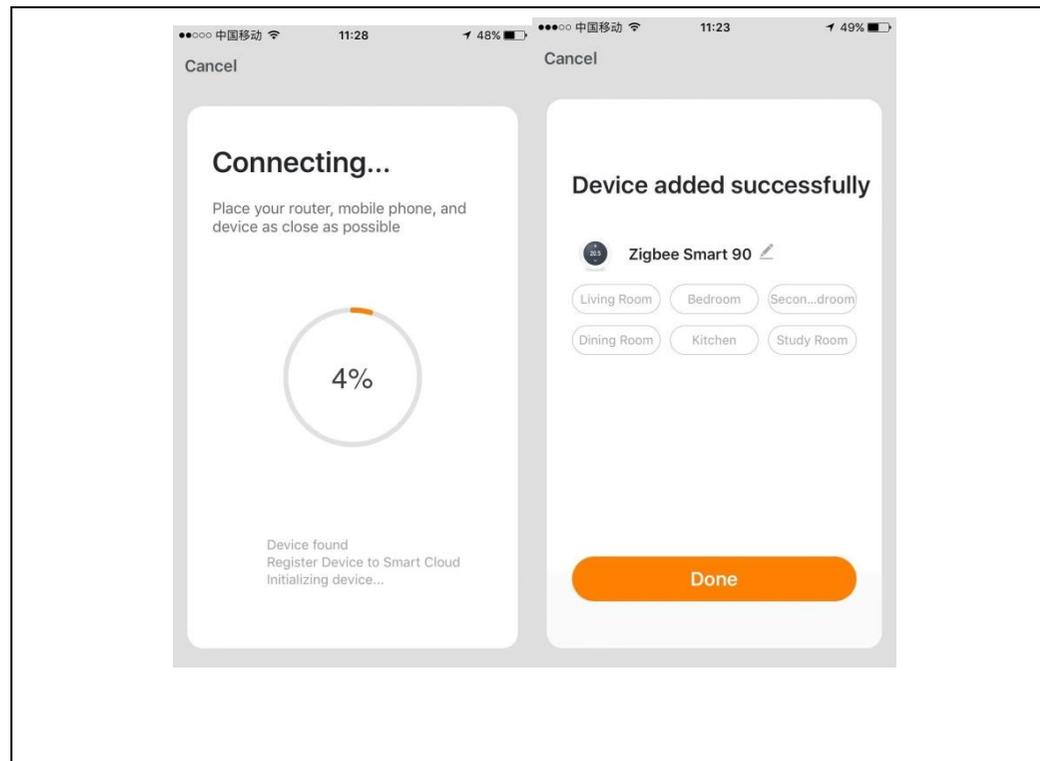
5. Enter Wi-Fi password and confirm (Make sure of the password is right)

4. Actuator connections:

After the actuator has completed self-test, press  about 3-5s access setting interface, click  or  until  blink and press , press and hold  until  rapidly blink. Connection is starting.



1. Select Zigbee gateway on the device list
2. Click "Add sub-device"
3. Confirm indicator rapidly blink
4. Wait until connection is finished and choose name and room of device if you wish.



Imported by: Life365 Italy S.p.A. - European General Agency

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