

ZEN Wifi Module

Stay in control from anywhere

USER'S MANUAL



Please read this user's manual carefully before starting.
Please keep this user's manual properly

USER PRIVACY INSTRUCTIONS

We take your privacy very seriously and we promise to inform you how we use the data. Users' private data, such as mailboxes, address, before uploading to the cloud, we will get your permission, and we will work hard to protect your data security.

DESCRIPTION

- Receive data signal from cloud server and transmit to the main device
 - Receive data signal from main device and transmit to cloud server
 - To achieve remote upgrade the WiFi module baseplate MCU by cloud server
 - To achieve the remote upgrade of the main device by WiFi module baseplate MCU.
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TECHNICAL PARAMATERS

Operating Voltage: DC8V-12V (Recommended value 12V)

Operating Current: Max. recurrent peak 1A, average standby current 50mA

Temp. Range: Operating Temp.: -30°C~+70°C

Storage Temp.: -40°C~+85°C LED

Indicator Light: 4 lights, Network configuration indicator, router connection indicator, cloud server connection indicator, 485 communication indicator

Dimension(lxwxh): 78mm x 63mm x 24mm

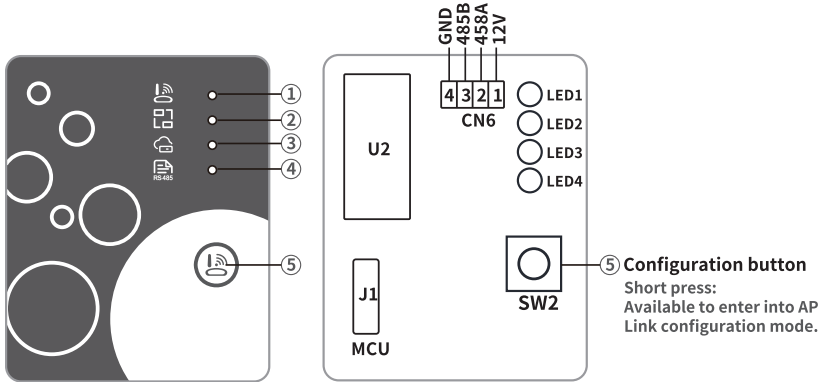
INSTALLATION

There is a magnet on the back of the WiFi module, it can be installed in doors or outdoors, and avoid direct sunlight

Please scan the following QR code to download Hitemp APP



FUNCTIONAL DESCRIPTION



Item	Name	Long Light	Slow Flash	Extinguish
1	Network configuration indicator	Configuring Network	SmartLink Configuring	Done
2	Router connection indicator	Normal	Abnormal	--
3	Cloud server connection indicator	Normal	Abnormal	--
4	485 communication indicator	Normal	Abnormal	--

ACCOUNT LOGIN

Use email address and password to register, login or reset the password.

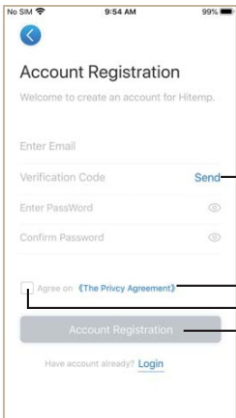


Fig.2 Account Registration interface

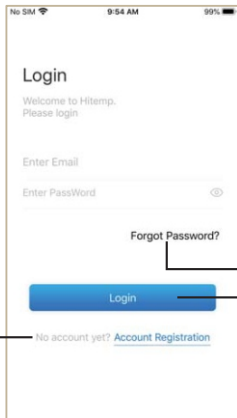


Fig.1 Login interface

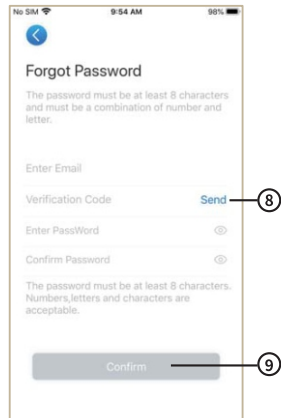


Fig.3 Forgot Password interface

1. Account Registration: To register an account, click (1) (Fig.1) to jump to the Account Registration interface, fill in the relevant information and click (2) to receive verification code, while completed the application information, click (3) to read the details of the Privacy Policy, then click (4) to agree, and click (5), registration is done. Please note, the valid time of one verification code is 15min, please fill in the verification code within 15min, otherwise you need to ask for a new one.
2. Log in: Follow the instructions on the page(Fig.1), enter your registered email address and password, click (6) and jump to device list;
3. Forgot Password: While forget your password, click(7) (Fig.1), jumpto the Forgot Password interface (Fig.3). Follow the instructions on the page, All in the relevant information, click (8) to receive verification code from your mailbox, click (9) to confirm and password reset is done.

ADD DEVICE

After login, displays My Device interface (Fig. 4), follow the instruction to add WiFi or DTU.

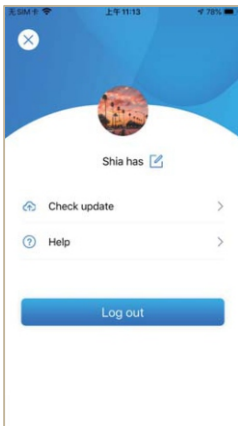


Fig.5 The left-hand menu

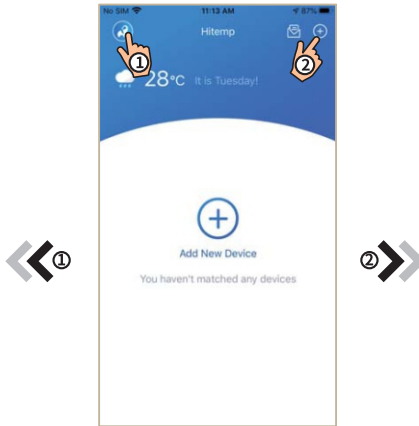


Fig.4 My Device interface

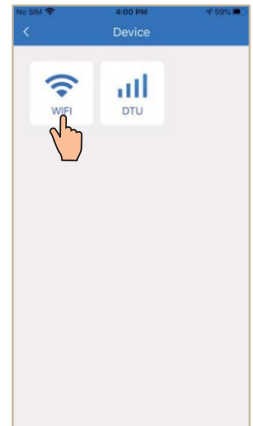


Fig.6 Add Device interface

WiFi CONFIGURE NETWORK

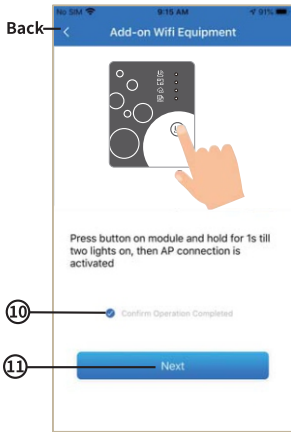


Fig.7 WiFi Module On interface

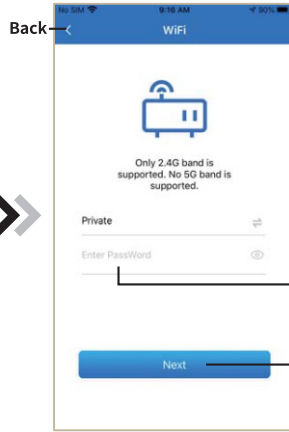


Fig.8 Enter password interface

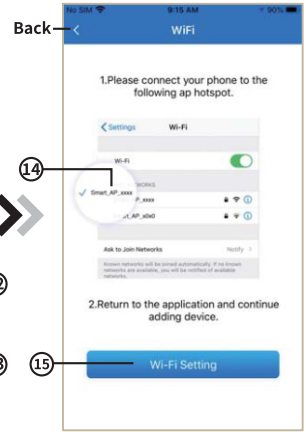


Fig.9 Connect specified WiFi

1. Follow the instructions on the page (Fig.7), press button on module and hold for 1s till two lights on, then AP connection is activated, click (10) to confirm, click (11) to turn the page
2. Click (12) to enter the WiFi password for the current connection, click (13) to confirm
3. Jump to system settings, connect specified WiFi, click(14) to select the "Smart_AP_xxx", click (15) to popup window (Fig.10), follow the instruction and then jump to WiFi setting interface (Fig.11)

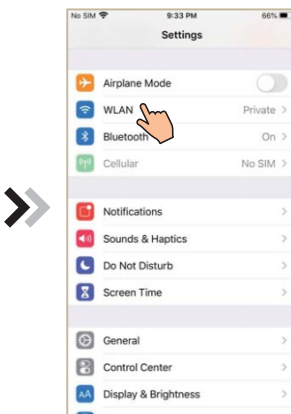


Fig.10 Setting interface

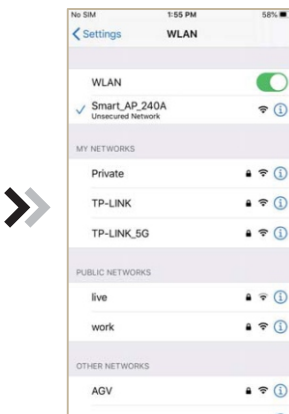


Fig.11 WiFi setting interface

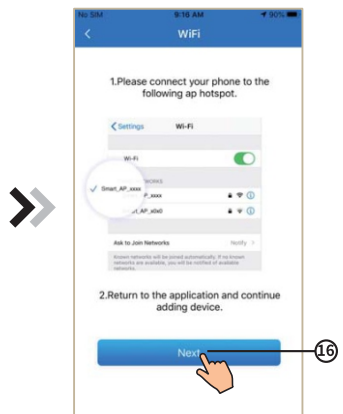


Fig.12 Connect specified WiFi

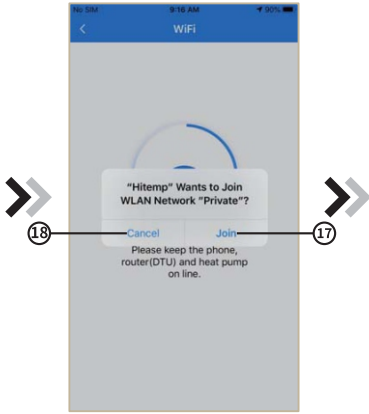


Fig.13 Configure Network interface

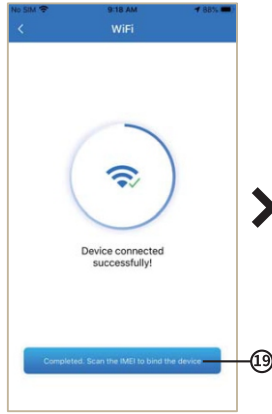


Fig.14 Bond Device interface

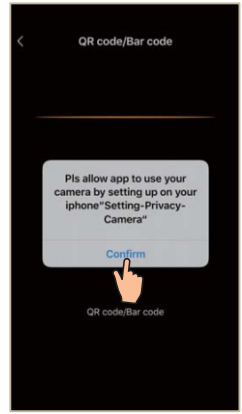


Fig.15 Scanning interface

4. Slide the page back to configure network interface, click (16) to turn next page (Fig. 12), click (17) to join WLAN Network, click (18) to cancel (Fig. 13); click (19) to bond device (Fig. 14);
5. Click "OK" (Fig.15) to allow the App to use the camera for scanning the **Barcode** on the heat pump unit (Fig.16)
6. Click "OK", device bond is done (Fig.17)
7. After WiFi and DTU bonding is done, and jump back to the main interface of device (Fig. 18)



Fig.16 Barcode

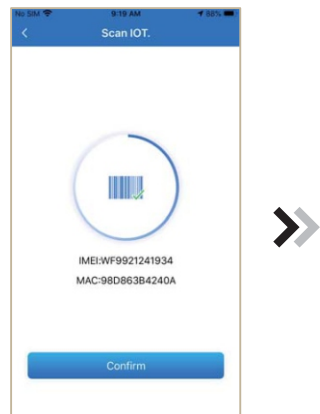
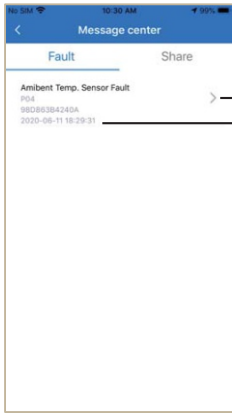


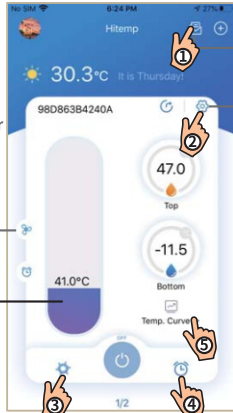
Fig.17 Bond device done interface

DEVICE MANAGEMENT

Device management options are as below:



Click to read the solution
 Display the error
 Functions status of the unit
 Click or slide to change the target temperature



Share/ Faulty message
 Functions setting

Delete

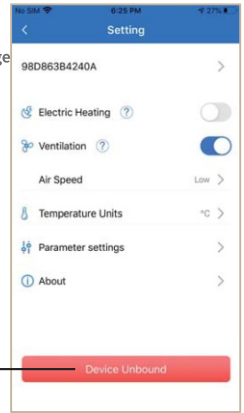
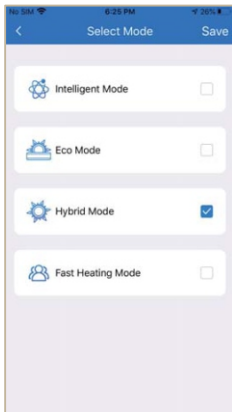


Fig.19 Troubleshooting interface

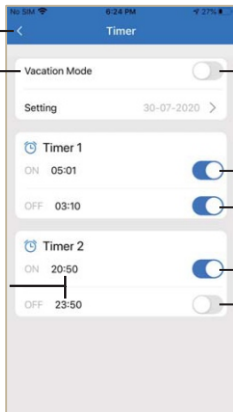
Fig.18 Device Main interface

Fig.20 Setting interface



Vacation mode switch

Click to adjust the timer settings



Click to switch ON/ OFF
 ON: Blue
 OFF: Grey

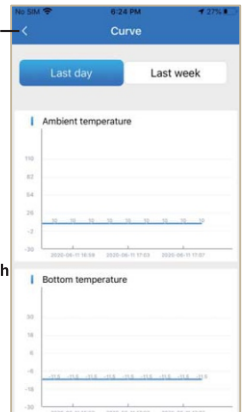











Fig.21 Mode switching interface

Fig.22 Timers settings interface

Fig. 23 Temperature curve

ICON	NAME	FUNCTIONS
	ON/ OFF	Click it to turn on/ off the unit
	Timers settings	Click to enter timer on/off, vacation mode
	Message	Click to check the share/faulty message
	Mode	Mode changing: Intelligent - Eco - Hybrid - Fast Heating
	Intelligent	Select Save to change the working mode
	Eco	Select Save to change the working mode
	Hybrid	Select Save to change the working mode
	Fast Heating	Select Save to change the working mode
	Setting	Click to change the functions setting of unit
	Temperature curve	Display the corresponding temperature graph