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# PRIVACY DECLARATION

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Your privacy is so important for us. We promise that we will inform you how we use all the datas. We will not upload any private data, like email and home address, until we get your authorization. And we will keep improving on your data security.

For more details of privacy agreement, please check <http://en.linked-go.com/AGREEMENT>.

# USAGE RANGE

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It can be used for the 2 pipes water fan coil and floor heating system.  
The room temperature can be adjusted by the different fan speed of fan coil and ON/OFF of floor heating valve.

# SPECIFICATION

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Power Supply— AC220V 50HZ

Load Current— 3A for resistive load, 2A for inductive load

Wiring Terminal— Max. 2\*1.5mm<sup>2</sup> or 1\*2.5mm<sup>2</sup> of cable

Control Range— 5~35°C

Running Ambien— -10~55°C

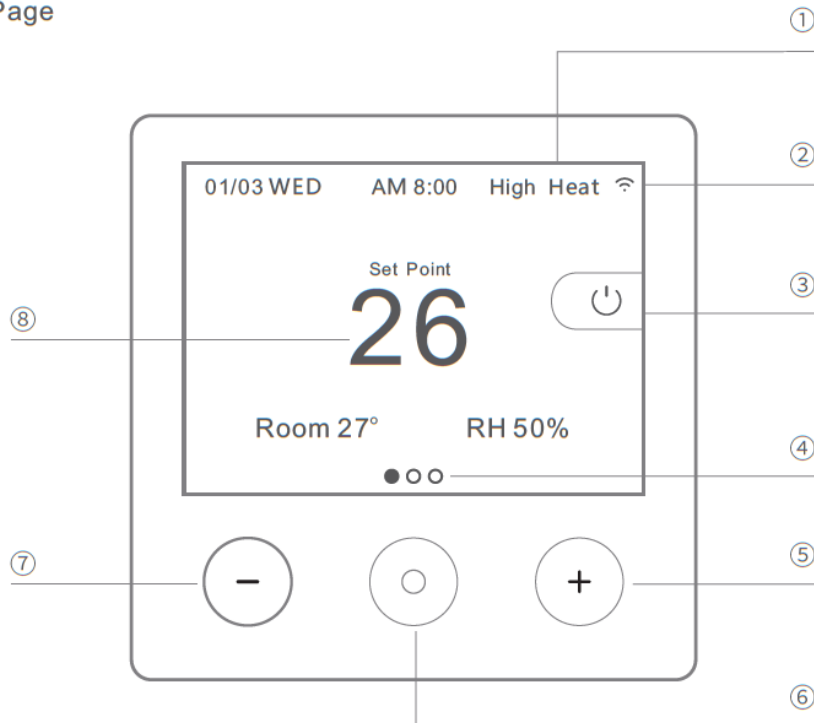
Protection Level— IP20

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# USER INTERFACE

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## Home Page

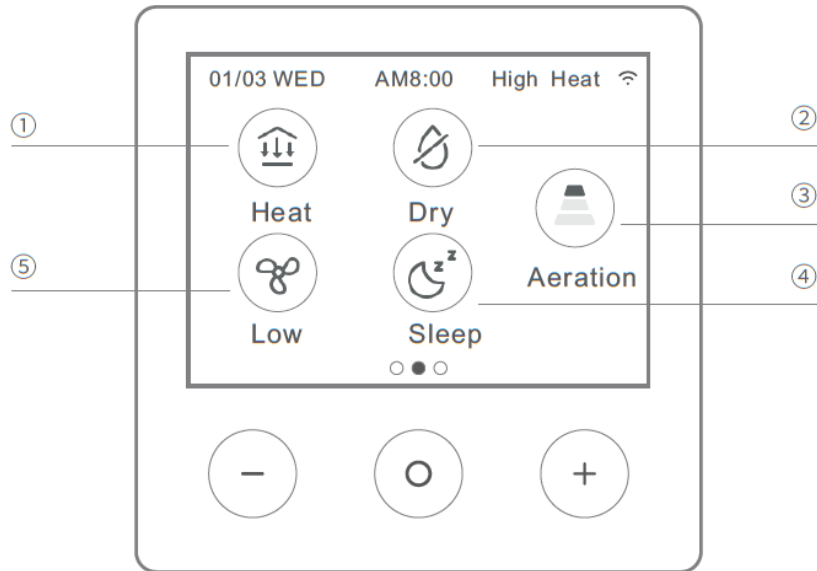


- ① Running Status: Fan Speed, Mode, Alarm.
- ② Z-Wave Local network signal.
- ③ If you set thermostat as a master, you can see the switch. Use it close all A/C.
- ④ Slide indicator
- ⑤ Increase setting temperature. Hold 5 seconds for Add thermostat into Gateway.
- ⑥ ON/OFF button, or back to homepage.
- ⑦ Decrease setting temperature. Hold 5 seconds for Delete thermostat from Gateway.
- ⑧ Room temperature setting.

Note: The default version is Chinese. Go to page 3 and click the Setting, then enter the password “111220” to switch to the English version.

# USER INTERFACE

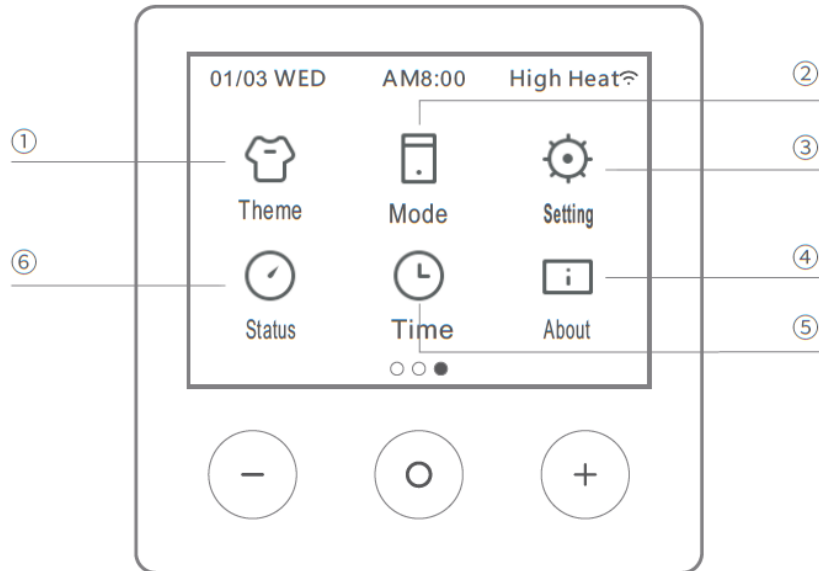
Page 2



- ① Mode to switch cooling, fan coil heating, floor heating or FC&FL.
- ② Dehumidification.
- ③ Press it to perturb the air for ventilation.
- ④ Switch to sleep mode. Noon or night.
- ⑤ Fan speed, high, middle, low and Auto.

# USER INTERFACE

Page 3



- ① Choose different back ground
- ② Switch heating and cooling. Switch master and slave
- ③ Setting for professional
- ④ System information and firmware updating
- ⑤ Time setting.
- ⑥ Load state and error information.

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# USER INTERFACE

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## Professional Setting

It is specially for professional engineer while installing the thermostat.

Pass word is "123456"

Item	Description	Range
Cooling calibration	Calibration for the temp. sensor in summer	-5~5℃
Heating calibration	Calibration for the temp. sensor in winter	-5~5℃
Protection Temp.	Temp. to start heating or cooling during vacation	4~30℃
Setting Rang	Variable rang of setting	5~35℃
AI Algorithm	Enable the machine learning from cloud	Enable/Disable

Note: Upgrade method

Step 1. Copy the "bl\_update" folder into SD card.

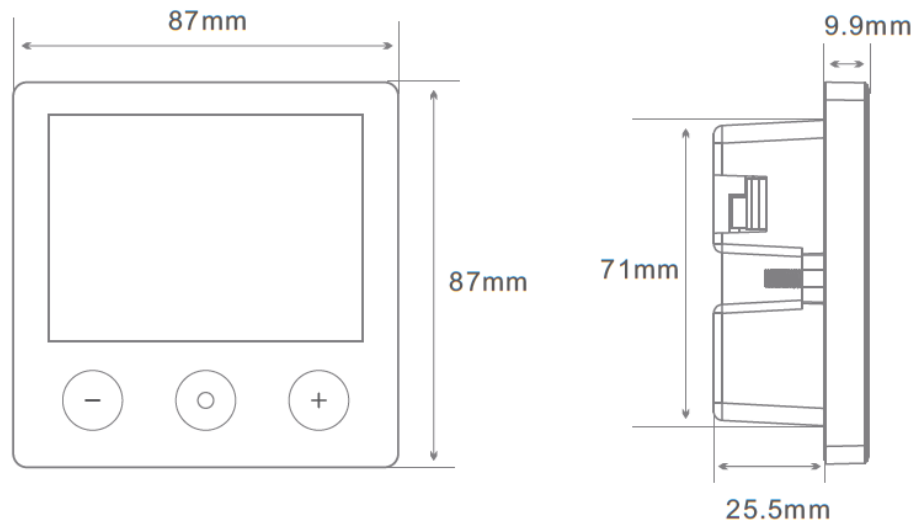
Step 2. Insert the SD card into the thermostat.

Step 3. Switch to the third page, click "Settings", enter the password "888888".  
Press the middle button.

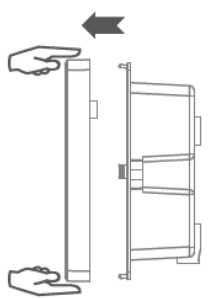
Step 4. Start upgrade, and it will be successful in about 2 minutes.

Step 5. After success, the thermostat will restart automatic.

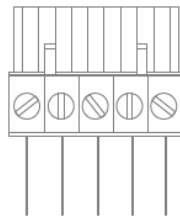
## DIMENSION



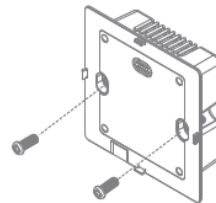
## INSTALLATION



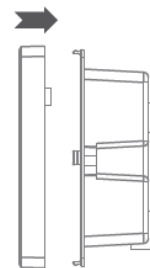
1. Disconnect display and relay



2. Connect the cable

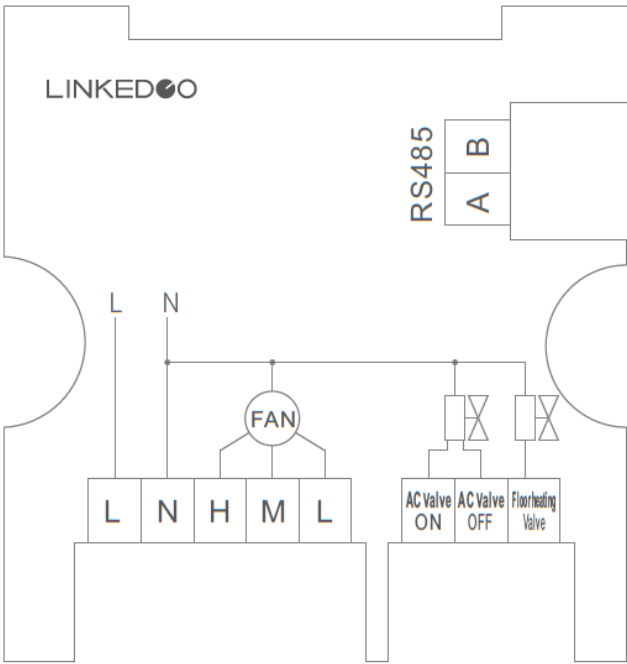


3. Install the relay



4. Plug the display

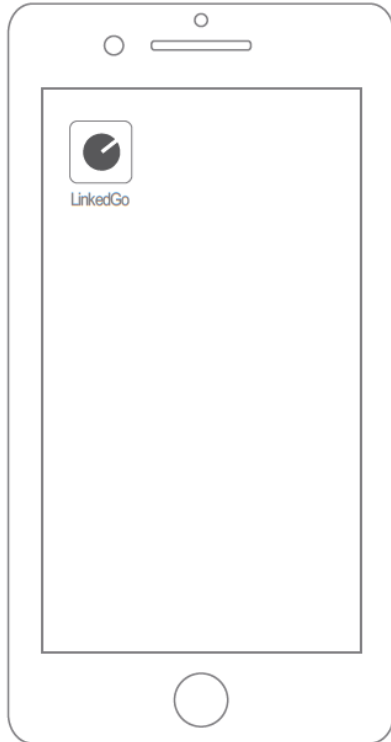
# WIRING DIAGRAM



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## ASSOCIATE AND REMOTE CONTROL

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Search “LinkedGo” on the apple store for the iPhone. For the Android smart phone, please scan the QR code to download the LinkedGo app.

After installation, please associate the devices according to the guide on the LinkedGo app.

The smart thermostat need to work with LinkedGo gateway.  
For more details, check [www.linked-go.com](http://www.linked-go.com)



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## Z-WAVE NETWORK SETUP

### Add for Inclusion:

First stay in the home page, trigger the main controller to enter the add mode, then press and hold the “+” button for 5 seconds without letting go, the thermostat panel will display the page that enters the “Add”, at this time the device officially adds the process, about tens After the second, the panel will display the Add Successful interface. The thermostat has been added successfully.



### Remove for Exclusion:

First stay in the home page, trigger the main controller to enter the delete mode, then press and hold “-” button for 5 seconds without letting go, the thermostat panel displays the page that enters the “Remove”, the device officially deletes the process, and the panel will display after a few seconds. Delete the successful interface. The thermostat has been removed successfully.

### Reset Factory Default:

**Please use this procedure only when the network primary controller is missing or otherwise inoperable.**

Slide to the third interface, find "About", select "Reset all settings", and confirm.

### Devices from multiple manufacturers in one network

This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

Association Group:

Thermostat supports 1 association group (0x01), which can include five Node ID. A gateway is suggested to associate with this group. Then if any changes happen, such as: temperature, working mode, fan state etc., the thermostat will report to this associated device (gateway). All the reports sent via Lifeline group.

Commands sent via Lifeline:

COMMAND\_CLASS\_THERMOSTAT\_MODE,  
 COMMAND\_CLASS\_THERMOSTAT\_SETPOINT,  
 COMMAND\_CLASS\_THERMOSTAT\_FAN\_MODE,  
 COMMAND\_CLASS\_SENSOR\_MULTILEVEL,  
 COMMAND\_CLASS\_CONFIGURATION,  
 COMMAND\_CLASS\_DEVICE\_RESET\_LOCALLY

## Z-WAVE SPECIFICATION

Configuration CC:

Parameter Number/Size	Parameter Name	Parameter Values Description	Default value
4/2	Custom mode	0-standard mode 2-Sleeping night mode 3-Sleeping noon mode	0
5/2	Heating method	0-Heating by fan coil only 1-Floor heating only 2-Fan coil and floor heating both	0
6/2	Master and slave setting	0-Slave 1-Master	0
9/2	Summer temperature difference calibration	Value range: -50~50(-50 means $\Delta T=-5^{\circ}\text{C}$ ) Precision:1 Calibration for the temp. sensor in summer	0
10/2	Algorithm enable	0-off 1-on (have no use currently)	0
17/2	Theme style	0-classic/1-weather/2-Digital clock/3-Rome clock/4- cartoon clock	0
20/2	Lower temperature limit	Value range:50~350(50 means for $5^{\circ}\text{C}$ , 350 means $35^{\circ}\text{C}$ )Precision:1	50
21/2	Upper temperature limit	Value range:50~350(50 means for $5^{\circ}\text{C}$ , 350 means $35^{\circ}\text{C}$ )Precision:1	350
25/2	Winter temperature difference calibration	Value range:-50~50(-50 means $\Delta T=-50^{\circ}\text{C}$ )Precision:1 Calibration for the temp. sensor in winter	0
82/2	Outdoor temperature	Value range: -50°C~50°C Precision:0	0
84/2	Weather theme	0-sunny 1-windy	

		2-snowy 3-rainy 4-cloudy 5-overcast	0
85/2	PM2.5 level	0- excellent 1-good 2- medium 3-bad	0

Note:

- 1) Negative value representation: -2 is 0xFFFE, -10 is 0xFFF6
- 2) All the parameter numbers are hexadecimal converted to decimalism.

Generic Deice Type = GENERIC\_TYPE\_THERMOSTAT  
 Specific Device Type = SPECIFIC\_TYPE\_THERMOSTAT\_GENERAL\_V2

Command Class supported by the device: (CCs can be requested using S0/S2 encapsulation)

COMMAND\_CLASS\_VERSION,  
 COMMAND\_CLASS\_ASSOCIATION,  
 COMMAND\_CLASS\_ASSOCIATION\_GRP\_INFO,  
 COMMAND\_CLASS\_MANUFACTURER\_SPECIFIC,  
 COMMAND\_CLASS\_DEVICE\_RESET\_LOCALLY,  
 COMMAND\_CLASS\_POWERLEVEL,  
 COMMAND\_CLASS\_SENSOR\_MULTILEVEL,  
 COMMAND\_CLASS\_CONFIGURATION,  
 COMMAND\_CLASS\_THERMOSTAT\_MODE,  
 COMMAND\_CLASS\_THERMOSTAT\_SETPOINT,  
 COMMAND\_CLASS\_THERMOSTAT\_FAN\_MODE,  
 COMMAND\_CLASS\_TIME\_PARAMETERS,  
 COMMAND\_CLASS\_FIRMWARE\_UPDATE\_MD,

Command Class supported by the device: (non-securely supported)

COMMAND\_CLASS\_ZWAVEPLUS\_INFO,  
 COMMAND\_CLASS\_TRANSPORT\_SERVICE,  
 COMMAND\_CLASS\_SECURITY,  
 COMMAND\_CLASS\_SECURITY\_2,  
 COMMAND\_CLASS\_SUPERVISION

Note:

①Users can set off mode, cool mode, heat mode, dry air mode and fan only mode via COMMAND CLASS THERMOSTAT MODE. Among them, the dry air mode and the fan only mode are independent of the two sleep modes. Only one type can be selected at the same time.

②Users can set energy saving mode and comfort mode modes via COMMAND CLASS BASIC.

Basic Set (Value = 0x00) = Set Energy Saving Mode, map to “thermostat off mode”.

Basic Set (Value =0xFF) = Set Comfort Mode, map to ‘thermostat dry air mode’.

③Thermostat Fan Mode Command Set: Because of our refrigeration and heating control logic, the “off” bit is ignored.

④This device is a security enabled Z-Wave Plus product that is able to use encrypted Z-Wave Plus messages to communicate to other security enabled Z-Wave Plus products.