HIQ Wifi 2017

Color Touch Heating Thermostat

• This Thermostat is a digital thermostat, which is designed for electric floor heating system or water heating system. Using 4.3inch color touch LCD display, the working status can be easily understood. With built-in four languages, you can select the languages you want to display.

• With five modes, the system can work according to your desired pre-set temperature conveniently. And the 5+1+1 days programmable function, which is easy-to-program on/off settings per day.

• Simple regulation which sends On/Off commands to the heating system according to a pre-selected temperature variation. The thermostat control algorithm includes an anticipation function which reduces the discrepancy between the thermostat reading and the temperature at the centre of the room.

• Choose from three (3) sensor setting: Ambient (built-in sensor)- to control the air temperature; Floor - to control the temperature using the floor probe; Ambient and Floor - to control the ambient air, and show floor temperature by using the floor probe.
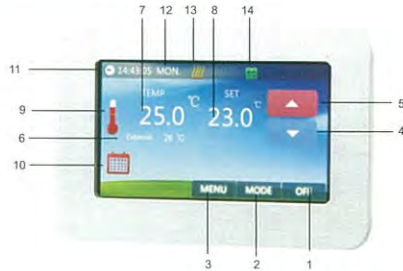
Product Features

• 4.3inch Color Touch Screen Operation
• Electric Heating System(Max.16A) or Water Heating System(Max.3A)
• Adjustable Comfort Mode, Economy Mode, Party Mode, Holiday Mode and Program Mode Control
• 5+1+1 Days Programmable
• External and Internal Sensor Select
• Four languages select: English, French, German, Dutch
• Clock and Date Display
• Temp. Clibration
• Temp. Protection
• 86*86mm mounting

Technical Data

• Voltage: 230V, 50/60Hz
• Load Current: 16A(Max)
• Temp. Setting Range: 5~35℃
• Ambient: 0~50℃
• Sensor: NTC10K. 3950ohms at 25℃
• Accuracy: ±0.5℃
• Protection Class: IP30

Screen and Display

1	ON/OFF Button	Use to turn on/off Thermostat
2	Mode Button	Use to Choose Working Mode
3	Menu Button	Use to Menu Settings
4	Down Button	Decrease Temp. or other parameter setting
5	Up Button	Increase Temp. or other parameter setting
6	External Temp.	Show Floor Temp.
7	Room Temp.	Show Actual Room Temp.
8	Set Temp.	Range: 5-35℃
9	Room Temp. Icon	Room Temp. Icon
10	Mode Icon	Show Current Working Mode
11	Clock Icon	Show Current Time & Enter Parameter Setting
12	Weekday Icon	Show Current Weekday
13	Heating Icon	Will Show When In Heating
14	Mode Icon	Show Current Working Mode
15	Date &Time Button	Use to Set Weekday and Time
16	PRG. Schedule Review Button	Use to Check 5+1+1 Days Programmable Schedule
17	Mode Temp. Pre-set Button	Use to Pre-set Mode's Working Temp.
18	Language Select Button	Use to Select English, French, German & Dutch Language
19	Protection Temp. Set Button	Use to Set Over Protection Temp. & Low Protection Temp.
20	Comfort Mode Button	Once Select, Thermostat Will Work According to Pre-set Temp. of Comfort Mode.
21	Economy Mode Button	Once Select, Thermostat Will Work According to Pre-set Temp. of Economy Mode.
22	Party Mode Button	Once Select, Thermostat Will Work According to Pre-set Temp. of Party Mode.
23	Holiday Mode Button	Once Select, Thermostat Will Work According to Pre-set Temp. of Holiday Mode.
24	PRG. Mode Button	Once Select, Thermostat Will Work According to Pre-set Temp. of 5+1+1 PRG.Mode.

Schedule Setting

Press Menus Button, press 🔳 , then you can review weekly schedule. You can press the three columns to change the 5+1+1 events.

For example, if you want to edit Sat. schedule, you can press Sat. column, then you will enter the edit page as picture shows. Every setting can be finish by pressing 🔼 or 🔽 button.


1. In Sun. column, there are six periods. You can press 🔼 or 🔽 button to choose the period you are going to change. Whichever period is selected, ✅ will display.
2. After period is selected, you can set hour, minute and temperature by pressing 🔼 and 🔽 button.
3. After new schedule is set, pls. press "APPLY" to save the new schedule.

Edit Date and Time

Press Menu button, choose 🕐 button to edit date and time by 🔼 or 🔽 button. After setting pls. press "APPLY" to save the changes.


Mode Pre-set Temp. Settings

Press Menu button, choose 🔳 button to pre-set mode working temp. by 🔼 and 🔽 button. After setting, pls. press "APPLY" to save the changes.

Protection Settings

Press Menu then select 🔳 button to enter Protection Settings page. You can set High Protection temp. & Low Protection temp. by 🔼 and 🔽 button. After setting, pls. press "APPLY" to save the changes.

High Protection: It uses external sensor to probe floor temp. When floor temp. over set protection temp. the system will be shut off automatically.

Low Protection: It functions only when thermostat under OFF mode. It uses internal sensor to probe room temp. When room temp. below set protection temp, then the system will be shut on automatically.

Languages Select

Press Menu button, then select
icon to enter languages page, after selecting the language you want, press "APPLY" to save it.
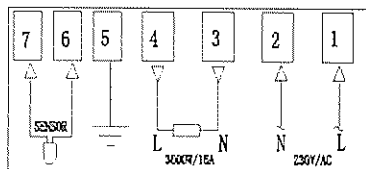
- English
- Nederlands
- Française
- Deutsch

CANCEL   APPLY
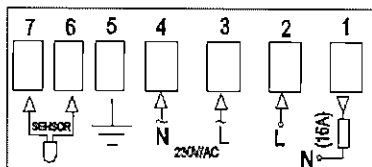
Parameter Settings

Within 3S after turning thermostat to OFF mode, press [⊙] for 2 seconds, then will enter parameter setting, you can set the desired value by pressing "<<" or ">>" , and go to other pages by pressing "Pre" or "Next".

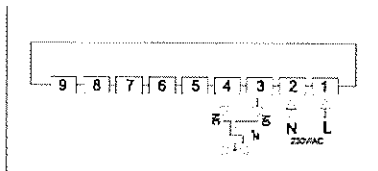| Menu	Description	Range
01	Temp. Offset	-8 ℃ ~8℃
02	Dead Zone	0℃ ~3℃
03	Set Point Max.	5 ℃ ~35℃
04	Set Point Min.	5 ℃ ~35℃
05	NTC Select(Internal, External)	I only, E only, I & E, I or E
06	Low Protection Max.	5 ℃ ~10℃
07	Low Protection Min.	5 ℃ ~10℃
08	High Protection Max.	5 ℃ ~90℃
09	High Protection Min.	5 ℃ ~90℃
10	Backlight off Time after Operation.	3s~180s
11	Min. Backlight Brightness of Standby Status	1%~100%
12	Relay Delay Time	0s~250s
13	Relay Output	Normal(NO); Inverted(NC)
14	Restore	

Wiring Diagrams
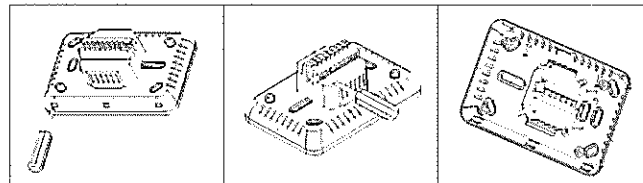

Electric Heating System
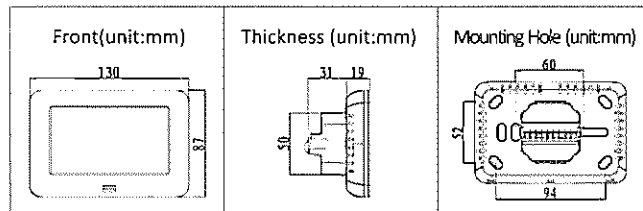

Voltage-Free System

Water Heating System

Note:
One wiring diagram for one kind thermostat only, please wire according to thermostat back print.For example if you get a electing heating thermostat can't wire as water heating wiring diagram.Reverse the same!

Installation

Using a screw driver to open the upper and lower body part, then connect the wiring to terminals tightly, then fix the lower body part into wall with attached screws.

Dimension (mm)

Front(unit:mm)	Thickness (unit:mm)	Mounting Hole (unit:mm)

IQ wifi thermostat Set up instructions   for Apple (IOS) and Android Devices. Heat IQ
We Know Heating

Apple I Phone Download the **E Thermostat** app from the App store _ Note you will reqire IOS 8.0 or later
Android Enter this link on your web browser https://www.pgyer.com/mE41   to download and install the E thermostat the

Important before you begin

* Ensure your device is connnected to your (to be used with this thermostat) wifi network and not to a mobile network.
* Go to your e mail system and set up   **no-reply@account1.danale.com**   As a safe sender

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Step 1
Open the E-thermostat
app and Click register

Step 2
Enter your e mail address
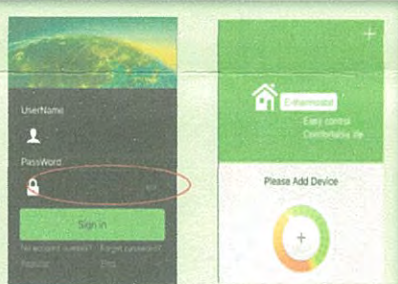and create your password

Click sent

Step 3
Check your e mail inbox
for your activation code.

My e mail inbox

If you have not recieved the
activation code e-mail check in
your junk mail and or spam

Step 4
Enter the activation code
you have been given into
the box shown

Now press register

Step 5
You can now login

Enter your password and
the device screen. (right)
displays Stop here and go to
the thermostat

Please Add Device

Step 7
Press the wifi Symbol on
the thermostat

14:43:05 MON.
TEMP 25.0 ℃   SET 23.0 ℃
Internal: 26 ℃
MENU   MODE   ON

Step 8
on this screen Press the
yellow wifi Symbol

CANCEL

Step 9
Press OK

Confirm?

Step 10
You will now be at this
screen - Rtn to your phone

CANCEL

Step 11
press + on the display
You will see this screen
Enter the case sensitive
password from your
home wifi system.
Click next step

SETTING NETWORK
app
Remember
Next Step

Step 12
You will see this screen.
Your phone searches
for your IQ thermostat
this may take a
few minutes

TO THE DEVICE

Step 13
Once communicating
you will see this screen,
Click as highlighted

SEARCHING FOR DEVICES
Total 2 Device

Step 14
in the black box name
the thermostat & press complete

You will be prompted to continue
searching only do so if you are
looking for multiple thermostats
otherwise select Cancel

CONNECTING TO THE DEVICE
Configuration
Room

Step 13
Your Phone is
set up,
you should now
see this screen

Step 14
On the
thermostat
Press cancel
and the home
screen is displayed

CANCEL

Your done!

Thankyou for purchasing an IQ wifi Thermostat

TEMP 25.0 ℃   SET 23.0 ℃
Internal 26 ℃
MENU MODE ON

discover more at wifithermostat.co.nz

IQ Wifi Thermostat

Heat IQ
We Know Heating