

INFRARED WIFI AC THERMOSTAT

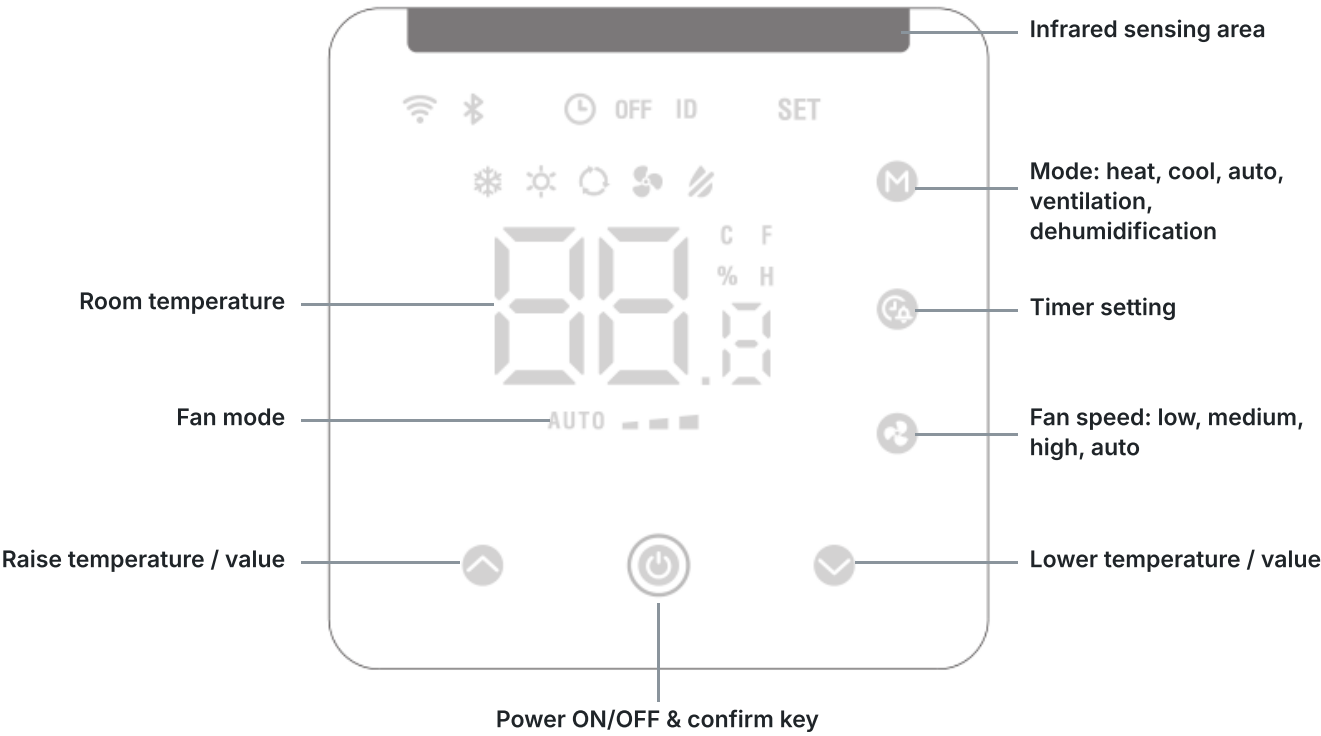
Control your air conditioner from your phone

The GS-THWIR receives commands over WiFi and converts them into infrared commands for split air conditioners. Its built-in and cloud-stored IR database covers many brands and models, while the clear display shows the room temperature and is set with the touch keys.

- Infrared < 10 m
- WiFi 2.4 GHz + Bluetooth
- 5V USB-C power



1 Get to know the thermostat



Display indicators

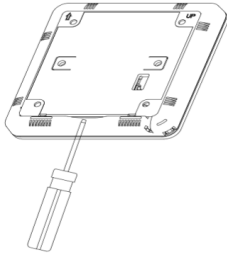
- | | | |
|-----------------|----------------|-------|
| WiFi network | Bluetooth | Timer |
| Power off (OFF) | Setpoint (SET) | |

2 Installation



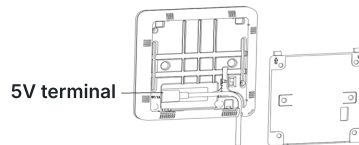
Caution: Switch off the power at the circuit breaker or fuse before installation to avoid fire or electric shock. Mount only into a UL/ETL/CE certified plastic junction box of at least 65 × 65 × 45 mm (volume ≥ 190 cm³). Use copper conductors only.

1



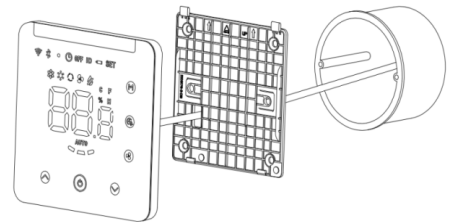
Separate the device into two parts: the front panel and the mounting plate.

2



Put the 5V adapter into the junction box and connect the wire to the 5V terminal as shown.

3



Secure the mounting plate to the junction box with screws, then fit the front panel back.

4 Check that the device is firmly mounted and power it on. It is ready to operate.

USB Type-C power: remove the mounting plate from the back and plug the cable into the 5V USB Type-C port.

3 Basic functions

Temperature setting

The home screen shows the room temperature.
Press or : SET appears in the top right and you can adjust the temperature.

Mode & fan

Press to change the mode and to change the fan speed.

Humidity display

On the home screen, hold for 3 seconds. The current humidity appears (e.g. 45.5%). Press any key to exit.

Off timer

Press : the timer indicator flashes. Use / to set when the air conditioner switches off (0.5–24 h) and press again. The indicator stays on.

Cancel the timer

On the home screen, press twice. The timer indicator disappears.

4 Connect to the air conditioner

The thermostat learns your air conditioner's infrared code over Bluetooth with the **IR Thermostat** app.

1 Download the app

Scan the QR code for Android or iOS and install the **IR Thermostat** app.

2 Connect via Bluetooth

If the device has no IR code (new or after a factory reset), it enters Bluetooth pairing automatically: the Bluetooth indicator flashes and the last 3 digits of its ID appear (e.g. 123). To change the code, hold **M** + **🔌** for 3 seconds. In the app tap **"Next"** and select **"IR2900-ZW_X123"**. The Bluetooth indicator lights up steadily.

3 Choose the brand

Search for your air conditioner's brand or find it in the list.

4 Test the code

Place the thermostat in front of the air conditioner, within 7 m. Test 3 keys in the app. If the air conditioner responds, the code is right. If not, tap **"Next"** and test the next remote.

5 Download the code

Tap **"Yes, use this"**, wait for the download to finish and tap **"Home"**.

6 Test on the thermostat

Check that mode, fan and temperature change correctly on the air conditioner from the thermostat's keys.

IR Thermostat



Android



iOS

If something does not work

Some keys do not control the AC

The most suitable code may not have been chosen. Repeat the steps and try another code.

Nothing works

Take photos of the model of the remote control and the air conditioner and send them to support@geyer.gr.

Batch download to several thermostats

- 1 If the devices already have a code, restore them to factory settings first.
- 2 Power on all thermostats within 5 m of the phone. They enter Bluetooth pairing and show their ID.
- 3 In the IR Thermostat app tap **"Batch Download"**, choose the code and tap **"Start Batch Download"**. Do not operate the devices until the Bluetooth indicator goes off on all of them.

5 WiFi & GEYER Smart app



- 1 Download the **GEYER Smart** app from Google Play or the App Store, or scan the QR code.
- 2 Create an account and log in.
- 3 Tap "+" in the top right and **"Add Device"**. Turn on your phone's Bluetooth and put the thermostat into pairing mode (see below).
- 4 When the thermostat appears, tap **"Add"**, enter your WiFi name and password and wait for the setup to finish.

Note: The thermostat connects only to 2.4 GHz WiFi, not to networks that switch automatically between 2.4 and 5 GHz.

WiFi setting on the thermostat

- 1 On the home screen, hold + for 3 seconds. "000" appears.
- 2 If the WiFi indicator is off, press once: the indicator flashes and the thermostat is ready to be added from the app.
- 3 If the WiFi indicator is on, press once to remove it from the network (the indicator flashes). You can then add it to a new WiFi network.

6 Advanced settings

Temperature deadband (IR control only)

Hold + + for 3 seconds: the current value appears. Change it with / and press to confirm.

- **0 (default):** the thermostat works like the remote control. The setpoint is the same on the thermostat and the air conditioner.
- **1-3:** the thermostat controls the air conditioner with its own logic so the room reaches your setpoint. It is normal for the two setpoints to differ. To keep the room as close as possible to the setpoint, choose 1.

Factory reset

Hold + + for 3 seconds: "333" appears. Press 4 times. The display changes 333 → 222 → 111 → 000 → OFF and the reset is complete.

7 Technical specifications

Model	GS-THWIR	Operating conditions	-10 ... +55 °C, < 90% RH non-condensing
Power supply	5V USB Type-C	WiFi	2.4 GHz
IR range	< 10 m	IP rating	IP20
Setting range	0 ... 40 °C	Dimensions	105 × 105 × 15.6 mm
Humidity range	0 ... 99% RH	Housing	PC + ABS
Precision	0.1 °C	Installation	Surface mounted

! Safety

- Read the instructions before starting up the unit.
- This product is not a toy. Keep it away from children and animals.
- Do not expose it to moisture, water or other liquids, and do not place liquids near it.
- Do not disassemble, repair or modify it yourself.
- For indoor use only.



The device complies with the essential requirements and other relevant provisions of Directive 2014/53/EU.



Do not dispose of it with household waste. Take it to a designated recycling point.

8 2-year limited warranty

The product is warranted against defects in material and workmanship for 2 years from the date of purchase under normal and proper use. At our option, we will repair or replace any defective part. The warranty does not cover damage from improper installation, accident, misuse, natural disaster, unsuitable power supply or any unauthorized disassembly, repair or modification. It does not apply if the product was not used according to the instructions or for its intended purpose, if its identification information has been altered or removed, or if it was sold as second-hand.



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