

# HomeHome DHT 11 Temperature and Humidity Instruction Manual

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## HomeHome.App Installation

Use minimum 700maH power supply. Low power can make unexpected device reset.

DONT USE COMPUTER USB (NOT ENOUGH POWER)

When you power up the device, it will broadcast HomeHome-XXXXXX WiFi network. Password:"homehome"

USB POWER CONNECTION : RED (+) WIRE TO VCC and BLACK (-) WIRE TO GND

### MANIPULATE TEMPERATURE VALUE FEATURE

HomeKit can show temp between -50C to +125C. You can use the waterproof temperature sensor in hot water.

Real temperature will be divided by coefficient number.

Enter a coefficient number between 1-10 in local HTTP SERVER's setting page (10.step). Example: real temp is 60C, enter coefficient number=2.5. System will show 60/2.5=24C.

Setup

You will see captive portal for device setup. If it doesn't start, disconnect from WiFi and unplug-plug the device, reconnect to WiFi.

1. Select device type:
2. "HomeHome Temperature DHT11"

 HomeHome Temperature DHT11

3. Enter your GMAIL address without "[@gmail.com](mailto:)" which you use in your Android Phone or just write your name.
4. Enter a static IP (optional) We recommend you set it now or you will have to reset the device and re-start this setup OR you can manage your static IP with your router if it has a static ip feature.
5. Select your Home WiFi and enter it's password. If it is not in the list, you can enter SSID manually. Be sure that you write correct password or it will not connect to your network!

Q:What happens when my router is off?

A:Device will try to connect a few minutes and begin to broadcast it is own network (HomeHome-XXXXXX)

6. Save settings and start Apple HomeKit application, add accessory.  
Apple HomeKit Setup
7. You can pair HomeKit in 90 seconds after restart, pair code is 111-88-111

### We added Virtual Switch for easy Scene / Automation!

- If you will not use HomeKit, wait 3 minutes for 3 led blink. Enter your device ip (step 10) to a web browser. Enter your full gmail address to connect http server. Click "Settings" button and activate "Skip HomeKit Pair Standby Time" Click "Restart Device" button.

### Google Home Setup (Optional)

There is no Light Level device type in Google Home (yet) but you will see virtual switch, you can use it for routines.

8-Open Google Home app from your Android phone.

Tap +> Set up device> Works with Google> "+HomeHome"> Login

Important: For using Google Home; Please write your gmail address and device id (XXXXXX) to [info@homehome.app](mailto:info@homehome.app) which is required for activating your device.

Be sure that your gmail address is the same with

"Android phone account",

"HomeHome login account",

"Device setup" (step 3),

"WEB UI Setup" (step 9)

WEB UI setup (Optional) – <https://smart.homehome.app>

9-You must register your device, Sign-in with the same gmail account. Click "Manage" tab and activate Device ID:XXXXXX unplug-plug or restart the device from http server.



X-HM://001451BWVHOME

You can enter manually: 111-88-111

## HTTP Server

10-Enter IP address of your device to a web browser.

### Q:Where to find IP?

A: -Long press to accessory in HomeKit app and see ip of the device.

-You can find XXXXXX in your router's DHCP list (MAC address)

Enter your full gmail address (with [@gmail.com](mailto:)) for login

### 3.Party Apps

You can control HomeHome.App with 3th party apps.Your email adress must be gmail so don't add [@gmail.com](mailto:) for HTTP GET request.

- Get data: '<https://ip.address/all?myEmail>'
- Turn on 1. relay: '<https://ip.address/1/on?myEmail>'
- Turn off 1. relay: '<https://ip.address/1/off?myEmail>'

All state replies are in array for example: [0,1,2,2] 0 → off , 1 → on , 2 → none

- Get all relay states: '<https://ip.address/all?myEmail>'

1-2-4 relay devices are using the same firmware so we push all together. You can easily understand this is a 2 relay device. First relay is off, second relay is on in this example.



### Extra Features:

- Remote control with HomeKit: You can use HomeKit without leaving an iPad-Home Pod-Apple TV in your home.
- You can control your device with "Hey Siri","OK Google"

- Make Scenes or Routines for full automation.
- OTA – Over the air update will be published if needed.
- You can turn off local HTTP server for security.
- You can change device name in local HTTP server settings for WEB UI and Google Home.
- “Turn Back” Switch to last position on power failure.
- “Local Mode” Set device work offline (without internet) If enabled you can not use Google Home and Web interface. You must first register the device (with internet connection) to use this feature. You can use HomeKit (if paired) and local interface (HTTP server) to control the device. Note that device must always join to a router.
- Long press to accessory in HomeKit app and see ip of the device.

## Troubleshoot:

### Q:I can not add device to Homekit?

A: You have 90 SECONDS after device restarts. Power off and power on the device and try again.

### Q:I wrote wrong password for my router or selected wrong router name?

Power off and power on the device. It will try to connect to router which is not available or which has a wrong password.

#### HARD RESET

Power off the device,

Make this 4 times:

[Power on, wait 3 seconds, power off] Re-make WiFi setup (Select correct device type),

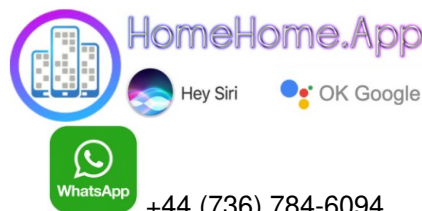
Pair with HomeKit in 90 seconds after wifi setup,

If 90 seconds passed: power off and power on the device, make HomeKit setup.

Pair code: 111-88-111

Support @ <https://homehome.app/support>

For more help: [info@homehome.app](mailto:info@homehome.app)



Please Write for Help

PDF <http://homehome.app/support> —> [translate.google.com](https://translate.google.com)




“We are such stuff as dreams are made on...

W.Shakespeare ”

## Documents / Resources

	<p><a href="#">HomeHome DHT 11 Temperature and Humidity</a> [pdf] Instruction Manual DHT 11 Temperature and Humidity, DHT 11, Temperature and Humidity, Humidity</p>
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## References

-  [HomeHome.App Apple HomeKit Google Home Smart Home Manuls](#)
-  [HomeHome.App Apple HomeKit Google Home Smart Home Manuls](#)
-  [HomeHome.App - WEB UI](#)
- [User Manual](#)

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