

Thank You for purchasing
Homebridge-FIBARO HC2



Getting Started

This guide provides step-by-step instructions to show you how to use the Homebridge Raspberry Pi to setup Homebridge on your device

Step 1: Connect To Network

Ethernet

If you have decided to connect your Raspberry Pi using ethernet, do so before you power on your device for the first time.

No additional configuration is required to connect.

WiFi

Follow these steps to connect your device to WiFi:

1. Power on your device without an Ethernet cable attached.
2. Wait 1-2 minutes
3. Use your mobile phone to scan for new WiFi networks.
4. Connect to the hotspot named **Homebridge WiFi Setup**
5. Wait a few moments until the captive portal opens, this portal will allow you to connect the Raspberry Pi to your local WiFi network.

If you enter your WiFi credentials incorrectly the **Homebridge WiFi Setup** hotspot will reappear allowing you to try again.

Step 2: Manage Homebridge

The Homebridge UI web interface will allow you to install, remove and update plugins and manage other aspects of your Homebridge service.

The default user is **admin** with password **admin**



If you're using macOS or a mobile device, you should be able to access the UI via <http://homebridge.local:8080>

If you're using Windows, or <http://homebridge.local:8080> does not work for you, you will need to find the IP address of your Raspberry Pi another way:

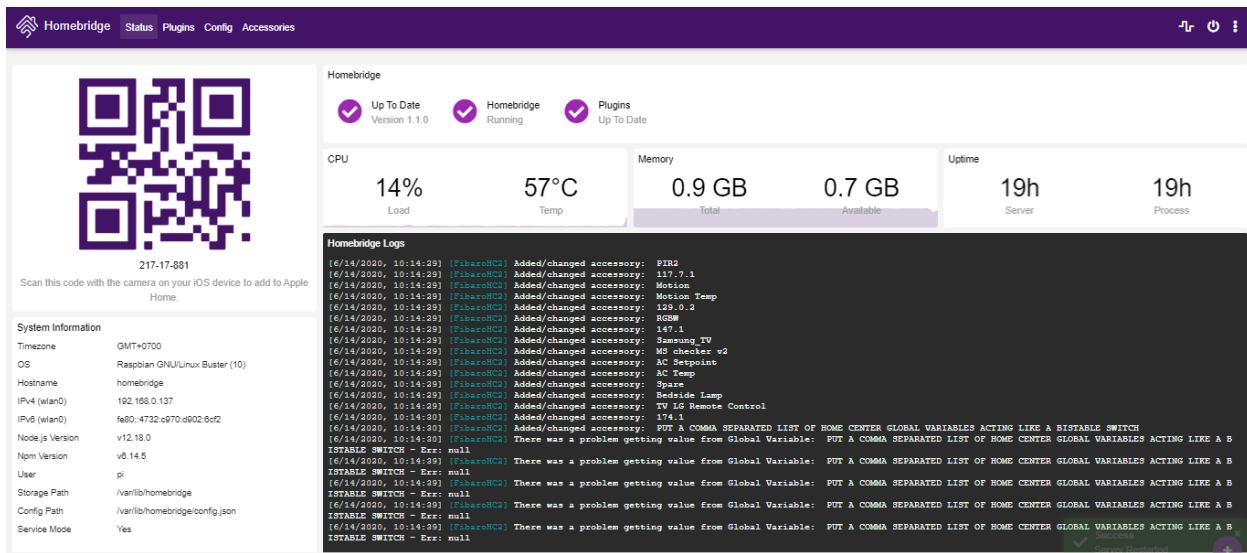
1. Login to your router and find the "connected devices" or "dhcp clients" page to find the IP address that was assigned to the Raspberry Pi.
2. Use an iPhone to access <http://homebridge.local:8080>, once you login using the default username and password (admin/admin) you can find the IP address under System Information
3. Download the [Fing](#) app for iOS and Android to scan your network to find the IP address of your Raspberry Pi.
4. As a last resort, if you plug a monitor into your Raspberry Pi, the IP address will be displayed on the attached screen once it has finished booting.

Once you've found your IP address, login to the web interface by going to

Step 3: Connect to Homekit

1. Open the Home  app on your device.
2. Tap the Home tab, then tap .
3. Tap Add Accessory, then scan the QR code shown in the Homebridge UI.

Your bridge does not have any accessories yet, so you may receive a message saying Additional Set-up Required, this is ok, as you add plugins they will show up in the Home app without the need to pair again. (except for Cameras and TVs)



The screenshot shows the Homebridge web interface. On the left, there is a QR code with the ID 217-17-881 and instructions to scan it with an iOS device. Below the QR code is the system information section, which includes details like Timezone (GMT+0700), OS (Raspbian GNU/Linux Buster (10)), Hostname (homebridge), and IP addresses. On the right, there are status indicators for 'Up To Date', 'Homebridge Running', and 'Plugins Up To Date'. Below these are system metrics: CPU Load (14%), Temperature (57°C), Memory (0.9 GB Total, 0.7 GB Available), and Uptime (19h for the server, 19h for the process). The bottom section displays the Homebridge Logs, showing a list of accessories being added or changed, such as FIBARO, Motion, Motion Temp, RGBW, 147.1, Samsung_TV, MS checker v2, AC Setpoint, AC Temp, Spare, Bedside Lamp, TV LG Remote Control, and 174.1. There are also several error messages related to global variables.

Step4: Configure Homebridge FIBARO HC2

1. Using the Homebridge UI, select the **Config**
2. Input Home Center IP address, username and password as the following detail.

```
"platforms": [  
  {  
    "platform": "FibaroHC2",  
    "name": "FibaroHC2",  
    "host": "PUT IP ADDRESS OF YOUR HC2 HERE",  
    "username": "PUT USERNAME OF YOUR HC2 HERE",  
    "password": "PUT PASSWORD OF YOUR HC2 HERE",  
    "pollerperiod": "PUT 0 FOR DISABLING POLLING, 1 - 100 INTERVAL IN SECONDS. 2 SECONDS IS THE DEFAULT",  
    "securitysystem": "PUT enabled OR disabled IN ORDER TO MANAGE THE AVAILABILITY OF THE SECURITY SYSTEM",  
    "switchglobalvariables": "PUT A COMMA SEPARATED LIST OF HOME CENTER GLOBAL VARIABLES ACTING LIKE A BISTABLE SWITCH",  
    "thermostattimeout": "PUT THE NUMBER OF SECONDS FOR THE THERMOSTAT TIMEOUT, DEFAULT: 7200 (2 HOURS). PUT 0 FOR INFINITE",  
    "enablecoolingstatemanagemnt": "PUT on TO AUTOMATICALLY MANAGE HEATING STATE FOR THERMOSTAT, off TO DISABLE IT. DEFAULT off",  
    "doorlocktimeout": "PUT 0 FOR DISABLING THE CHECK. PUT A POSITIVE INTEGER N NUMBER ENABLE IT AFTER N SECONDS. DEFAULT 0",  
    "IFTTTmakerkey": "PUT KEY OF YOUR MAKER CHANNEL HERE (USED TO SIGNAL EVENTS TO THE OUTSIDE)",  
    "enableIFTTnotification": "PUT all FOR ENABLING NOTIFICATIONS OF ALL KIND OF EVENTS, hc FOR CHANGE EVENTS COMING FROM HOME CE",  
    "LockCurrentStateDelay": "PUT THE NUMBER OF SECONDS (DEFAULT 2) TO DELAY THE UPDATE OF LockCurrentState READ EVENT",  
    "LockTargetStateDelay": "PUT THE NUMBER OF SECONDS (DEFAULT 2) TO DELAY THE UPDATE OF LockTargetState READ EVENT"  
  }  
]
```

3. Once you have finished configuring your plugin, click the restart button found in the top right hand corner to restart the Homebridge process. You will need to restart Homebridge each time you make a change to a plugin's config.

Technical Information	
Mainboard	Raspberry Pi 3 Model B+
Input power	5V/2.5A DC via micro USB connector
SD card support	Micro SD format for loading operating system and data storage
Size	97mm x 70mm x 25mm
Body Material	Plastic
System Information	
OS	Raspbian GNU/Linux Buster (10)
Node.js version	v12.18.0
Npm Version	v6.14.5

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