

Wi-Fi P1 Meter Quick App

for FIBARO Home Center 3

Version 1.0 (February 2022)

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Preface

This manual will guide you through the steps to integrate the **HomeWizard Wi-Fi P1 meter** and the **FIBARO Home Center 3**.

The Quick App automatically detects whether the smart meter is connected to 1 or 3 phases and whether a gas meter is linked to the smart meter.

Energy Panel

The Quick App is optimized for the updated Energy Panel (from firmware 5.100.22).

Prerequisites

1. HomeWizard Wi-Fi P1 meter,
2. HomeWizard Energy iOS or Android app (minimal version 1.5.0),
3. P1 Meter Quick App,
4. FIBARO Home Center 3 (minimal firmware version 5.100.22).

Wi-Fi P1 Meter installation

Install the HomeWizard Energy app on your phone

On your phone or tablet go to the App- or Google Play store and search for the **HomeWizard Energy** app from HomeWizard, or click the one of the links below:

- [HomeWizard Energy - Apps on Google Play](#)
- [HomeWizard Energy at the App Store \(apple.com\)](#)

Configure the P1 meter on your smart meter

1. Place the **HomeWizard Wi-Fi P1 meter** in the **P1 port** of the smart meter,
2. The **light ring** of the HomeWizard P1 meter will now **pulse white**. This means the device is connected correctly and is receiving sufficient power,
3. *If you have a smart meter with an SMR version of 5.0 or higher, it will provide enough power for operation without an external power supply. It is sometimes referred to as ESMR or DSMR.*
4. For smart meters with an **SMR version lower than 5.0**, a **micro USB adapter** is **required** to provide the P1 meter with sufficient **power**. You can connect this to the bottom of the P1 meter,
5. **Press and hold the large button on the P1 meter for 5 seconds** to enter **pairing mode**. The **light ring** will glow **blue**. Then you can release the button,
6. The **light ring** will now **pulse blue**. This means **pairing mode** is **active**
7. Now **start** the **HomeWizard Energy** app and follow the instructions,
8. If the P1 meter is **installed correctly**, the **light ring** will light up **green**.
The P1 meter will now start recording your energy consumption.

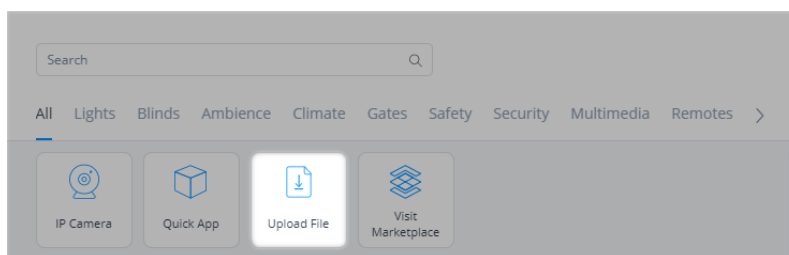
Activate the local API on the P1 meter

To establish communication between the **FIBARO Home Center 3** and the **HomeWizard Wi-Fi P1 meter**, you need to activate the local API in the app.

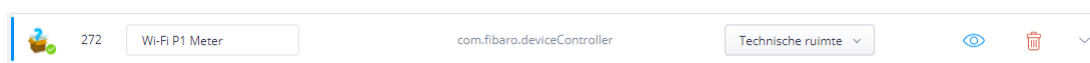
- **Start** the HomeWizard Energy app on your phone,
- Go to **Settings** -> **Meters**,
- **Open the settings** from the configured meter by clicking on it,
- **Enable** the option for the local API.

Home Center 3 configuration

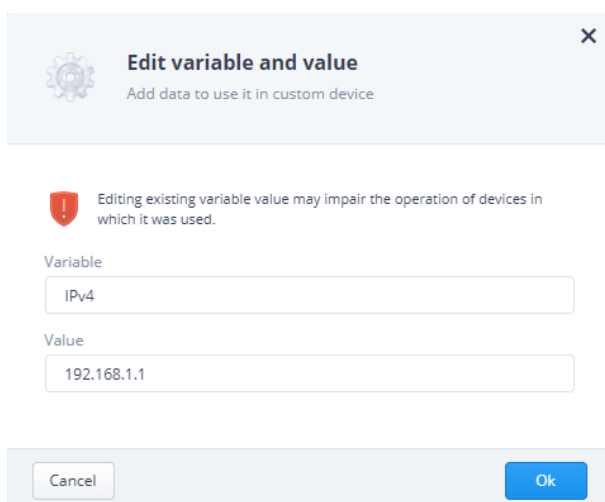
1. **Download** the Wi-Fi P1 meter Quick App from the **Fibaro Marketplace**,
<https://marketplace.fibaro.com/>
2. **Extract** the ZIP file,
This file consists of the Quick App, an icon and the manual,
3. **Log on** into the Home Center 3,
4. Go to **Settings** -> **5. Devices**,
5. **Click** on the **blue + sign** to add a device,
6. In the **Add Device** window choose the option **Other Device**,
7. Select **Upload File**:



8. **Open** the file **Wi-Fi_P1_Meter.fqa** from the folder where you extracted the ZIP,
9. The Quick App will now be installed and becomes visible in the device list:



10. Click on **Variables** and change the variable **IPv4** to the **IP address of the Wi-Fi P1 meter** and click on **Ok** to close the window:



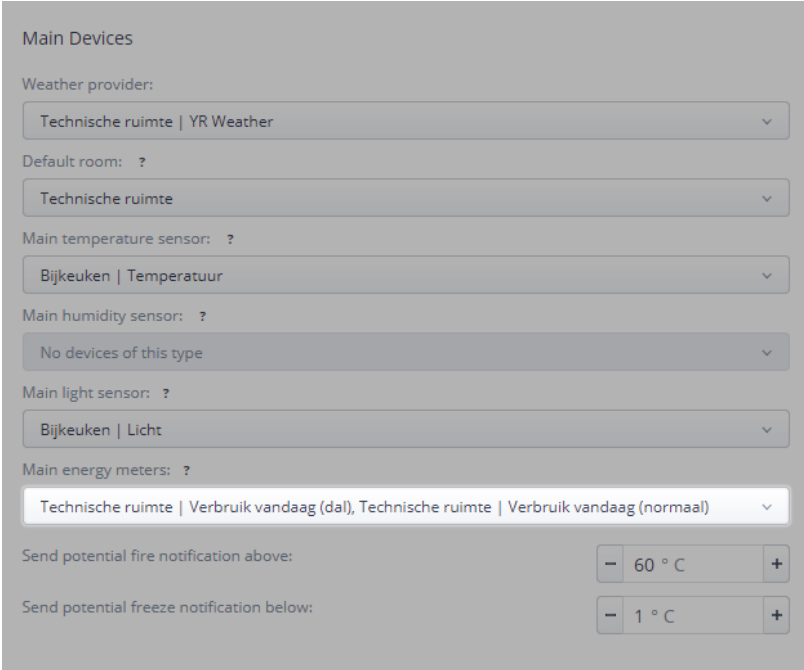
11. Click the green **Save** button to start communication with the P1 meter,
12. In the **General** tab of the Quick App you can change the icon of the P1 meter by clicking on **ADD ICON**.

Main energy meters configuration

By adding the consumption meters as *Main energy meters* in the general options of the Home Center 3, it will automatically calculate the remaining power consumption not measured by connected Z-Wave devices. This is **displayed** in the *Energy Panel* as **rest**.

You configure this as follows:

1. Go to **Settings** -> **6. General**,
2. At **Main Devices** add the devices **Verbruik vandaag (dal)** and **Verbruik vandaag (normaal)**:



Main Devices

Weather provider:
Technische ruimte | YR Weather

Default room: ?
Technische ruimte

Main temperature sensor: ?
Bijkeuken | Temperatuur

Main humidity sensor: ?
No devices of this type

Main light sensor: ?
Bijkeuken | Licht

Main energy meters: ?
Technische ruimte | Verbruik vandaag (dal), Technische ruimte | Verbruik vandaag (normaal)

Send potential fire notification above:
- 60 ° C +

Send potential freeze notification below:
- 1 ° C +

More interested FIBARO integrations and scenes can be found on my 'smart home adventure' blog: <https://docs.joepverhaeg.nl>

If you like using this Quick App you can buy me a coffee: <https://www.buymeacoffee.com/joep>