

# Manual: Initial Installation HC3 / HC3L

Commissioning the Fibaro HC3 / HC3L controller (Yubii Home / Yubii Home Pro) and installing SHE QA applications.

## Useful links

- **Fibaro Manuals** – <https://manuals.fibaro.com/>
- **HC3L Manual** – <https://manuals.fibaro.com/home-center-3-lite/>
- **HC3 Manual** – <https://manuals.fibaro.com/home-center-3/>
- **YUBII App Manual** – <https://manuals.fibaro.com/home-center-app/>
- **Initial Installation via YUBII App** – <https://manuals.fibaro.com/wp-content/uploads/2022/02/fti-v2-F.mp4>
- **Installer QA Update File** – <https://www.smarthomeenergy.cz/download/sheUpdateQA.fqax>

## HC3L / Yubii Home



### Status Indicator HC3L / Yubii Home

- Pulsing blue – booting
- Red – Wi-Fi in Access Point mode (ready for configuration)
- Pulsing red – internet disconnected
- Green – connected to the internet
- Pulsing red – starting recovery mode

### Buttons HC3L / Yubii Home

#### R – Restart

- Restart: hold button **R** for 5 seconds.

#### D – Recovery

- Switch the gateway to recovery mode: hold button **D** during startup.
- Switch between dynamic and static IP: hold button **D** for 10 seconds, then press when the LED blinks:
  - yellow – IP switches to dynamic,
  - green – IP switches to static.
- Restore network settings: hold button **D** for 20 seconds and press when the LED blinks red.

## HC3 / Yubii Home Pro



### Status Indicators HC3 / Yubii Home Pro

#### Power

- Copper – powered

#### Internet

- Copper – connected to the internet
- Red – internet disconnected

#### LAN

- Copper – connected to LAN
- Rapidly pulsing copper – LAN connection active

#### Wi-Fi

- Copper – connected to Wi-Fi
- Rapidly pulsing copper – Wi-Fi connection active
- Red – incorrect Wi-Fi password / error
- Green – Wi-Fi Access Point mode

#### Installer

- Copper – installer assigned
- Green – remote support enabled
- Red – installer not assigned

#### Recovery

- Red – recovery mode
- Rapidly pulsing green – backup creation in progress
- Slowly pulsing copper – update available

#### Smart Home

- Slowly pulsing copper – add mode
- Rapidly pulsing copper – remove mode
- Three green flashes – inclusion successful
- Three red flashes – inclusion failed

#### Security

- Red – alarm triggered
- Green – alarm disarmed

## Buttons HC3 / Yubii Home Pro

### Power

- Press – wake up
- Hold for 5 seconds – sleep mode
- Hold for 15 seconds – restart

### Recovery

- Hold during startup – switch to recovery mode.
- Switch between dynamic and static IP: hold the button for 10 seconds. When  and  blink green, press:
  -  and  blink yellow – IP is set to dynamic.
  -  and  blink green – IP is set to static.
- Restore network settings: hold the button for 20 seconds. When  and  blink red, press:
  -  blinks red – settings are reset.

## Remote Access

- In a web browser, go to [id.cloud.fibaro.com](https://id.cloud.fibaro.com).
- Create an account.
- Open **Remote Access** and add your gateway.

## Mobile App

To control the gateway from a mobile device, install the **Home Center** app. Download the app here:



# Initial Setup

## Power Connection

### HC3L / Yubii Home

- Powered by adapter – connect a **5 V 1 A** adapter to the **USB Micro-B** port.
- Powered from PSU – connect a **5 V 1 A** power supply to the **USB Micro-B** port using an adapter cable.

**Warning:** The LAN adapter must be connected before powering on the controller.

### HC3 / Yubii Home Pro

- Powered by adapter – connect the included **12 V DC** adapter.
- Powered from PSU – connect a **Mean Well HDR-30-12** DIN-rail PSU (24 W, 12 V), using the cable from the included adapter.

## Network Connection

### Wi-Fi Variant

- After powering on, wait until the LED turns red.
- Connect to the Wi-Fi network created by the gateway.
- Use the SSID (network name) and Wi-Fi password printed on the underside of the device.
- Alternatively, read the credentials from the QR code on the gateway label. Opened in a browser, the text looks like this, where the password follows "P.": WIFI:T:WPA;S:HC3L-00042730;P:**Zn1XgHPg**;;AC070221D6F0

### LAN Variant

- Connect the LAN adapter to the **USB Micro-B** port using the splitter cable.

## Basic Gateway Configuration

Basic configuration overview:

1. **Login and language** – open the gateway in a browser, log in and accept the Terms of Service.
2. **Z-Wave engine version** – choose the Z-Wave engine version.
3. **Network connection** – set up the LAN or Wi-Fi connection.
4. **Set location** – enter the installation location.
5. **Location settings** – set the time zone.
6. **Local Access** – set the administrator account.
7. **Remote Access** – connect the gateway to your Fibaro ID.
8. **Completion and update** – update the firmware after the restart.

## Login and Language

- Go to **find.fibaro.com** in your browser. You will see all gateways in your local network.
- Click **Open** next to the gateway you want to configure.
- If connected to the HC Wi-Fi, open **10.42.0.1**.
- Default login: **admin / Wi-Fi password (found on the back of the controller, e.g. Zn1XgHPg)**.
- Select language **English**.
- Read and accept the **Terms of Service**.



## Welcome

We will guide you through the process of setting up your new device. It's simple and only takes a few minutes.

Click Start to go through settings and set up your system.

Start

## Z-Wave Engine Version

- Select the Z-Wave engine version. Once selected, it cannot be changed later.
- We currently recommend **Z-Wave engine version 3.0**.

### Z-Wave engine version

**There are two available versions of the Z-Wave engine in the installed gateway software version.**

The new engine was created to provide you with a wide range of possibilities to use all the devices which use the Z-Wave protocol. Its compatibility will ensure support for devices available today and those which will be released in the future. New engine provides better and more secure communication utilizing Security S2 encapsulation.

If you use devices which are not yet fully supported by the new engine, at this stage you can choose the engine used so far. However, please note that the old engine is no longer developed by us and you may soon lose the possibility to update your system to the latest version if you continue to use it.



Z-Wave engine version 3.0



OBSOLETE

Z-Wave engine version 2.0

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## Network Connection

- Choose **LAN connection** or **Wi-Fi connection**.
- If LAN is available, select it as the default connection. If LAN is not available, this option is disabled.
- If **LAN connection** is selected (recommended), the connection settings appear. They are preconfigured but can be changed.
- If **Wi-Fi connection** is selected, choose the network from the list and enter its password (for a hidden network: network name, password and security level).

### Configure network connection

Please select connection type you prefer to use.

To use LAN connection in some configurations additional hardware is necessary.

WiFi connection may be used as the main network or a backup one to existing LAN connection.

Available connection options listed below.

Not configuring any network connection will leave enabled Access Point which can be used to access the hub later.



**LAN connection**

 LAN is connected



**Wi-Fi connection**

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## Set Location

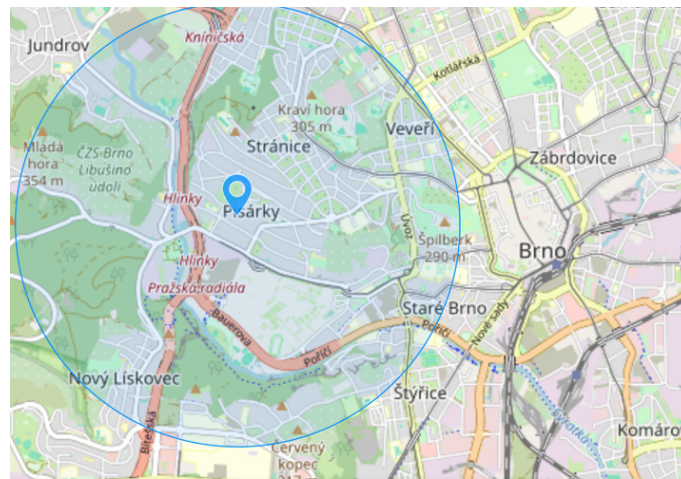
- We recommend entering the coordinates of the installation location, e.g. from **mapy.com**.
- The location is important for correct solar irradiance prediction.

GPS

49.1943331N, 16.5743314E

Copy

WGS84 (degrees)



### Set location

Name

HC3L-00075911

Region

EU

Location

49.1943331 16.5743314



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## Location Settings

- Set **Time zone** to **Europe/Prague**.
- Do not change the other settings.

### Location settings

Current date and time

 **13.01.2026**  **10:01**

Date and time format

Date format:

DD.MM.YY

Hour format:

24-hour

Time zone:

[1h] Europe/Prague

Units and separators

Temperature unit:

°C

Wind speed unit:

km/h

Decimal mark:

. (dot)

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## Local Access (required)

- Set the login, e-mail and password of your local administrator account for the Fibaro system.

### Local Access

Please set e-mail address and local password

LOGIN

admin

E-MAIL

Enter e-mail to which we will be able to send you the new password if requested.

PASSWORD

.....

Your password must have at least 12 characters, upper and lowercase letters, numbers and symbols like !\$%.

CONFIRM PASSWORD

.....

Repeat your password to confirm it is correct

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## Remote Access

- Connect the gateway to your Fibaro ID or create one.
- Enter the credentials of your cloud account and add the gateway to this account.

The screenshot shows the 'Remote Access' section of a web interface. At the top, there's a header with a cloud icon, the text 'Remote Access', and language/user options. Below this is a form titled 'Add device'. The form has three numbered steps: 1. 'FIND NEEDED INFORMATION' with instructions to find the serial number and MAC address. 2. 'ENTER THE SERIAL NUMBER' with a text input field containing 'HC3L-00075911'. 3. 'ENTER THE MAC ADDRESS' with a segmented input field showing 'ac', '17', '02', '22', '03', and '31'. At the bottom of the form are two buttons: 'Back To Device List' and 'Add'.

## Completion and Update

- End of initial setup. The gateway will restart and be ready for use. If the initial setup is interrupted, it resumes from the last unfinished step.
- The HC restarts – log in to the HC with your new account and password.
- Update the gateway firmware to the latest stable version (**General** → **Updates** → **Download Update**).

The screenshot shows the 'General' settings page with the 'Updates' tab selected. A notification banner at the top says 'New software version available for download' for 'Master HC3L-00075911'. It compares the 'current' version '5.191.20 (beta)' with the 'new' version '5.200.8'. Below this, there are three buttons: 'View Changelog', 'See all changelogs', and 'Download Update'. To the left of the text is an icon of a device with a download arrow.

## Room Configuration and Application Installation (Optional)

This section describes the initial setup of sections and rooms and the installation of licensed applications. Before installation, make sure the required applications are purchased and licensed.

# Installer Application

Install the Update SHE QA installer application using the following procedure:

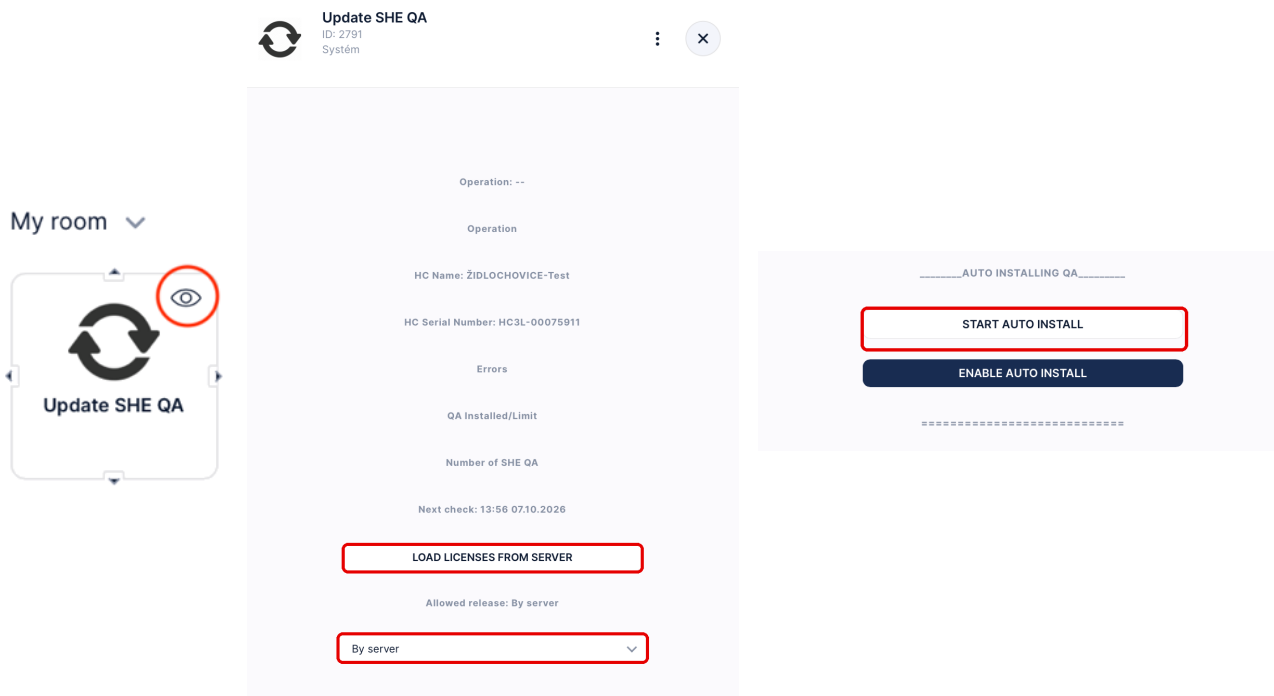
- Download the Update QA file: <https://www.smarthomeenergy.cz/download/sheUpdateQA.fqax>
- **Add Device**
- **Other Device**
- **Upload File**
- Select the file **sheUpdateQA.fqax**.
- Open the application settings.
- In the variables, enter the local administrator username in **Login** and the password in **Password**, then save the application.
- The account and password are stored securely locally in the application, are not shared or exported outside the HC, and are used only for automatic QA installation.
- Login credentials (username and password) do not need to be entered if the given HC is part of a unified installation group set up by the manufacturer.



| Variables      |                 |       | Add variable & value                                                                  |
|----------------|-----------------|-------|---------------------------------------------------------------------------------------|
| VARIABLE       | TYPE            | VALUE |                                                                                       |
| Login          | Secret variable | ***** |  |
| Password       | Secret variable | ***** |  |
| ExcludeQAID    | String variable | 0     |  |
| RestartWatchQA | String variable | 0     |  |

## QA Installation Procedure

- Open the application in the main view using the eye icon in its top-right corner.
- If everything was done according to the previous steps and the licences for this gateway and its serial number are valid with the manufacturer, the application shows a list of licensed applications ready for installation.



- Check that **Allowed release** is set to **By server**.
- Click **LOAD LICENSES FROM SERVER**.
- Scroll down to **AUTO INSTALLING QA**.
- Click **START AUTO INSTALL**.
- The auto-installation starts. It takes approximately 5–15 minutes, depending on the number of QA being installed.
- The status can be followed at the top of the card under **Operation: Auto-installation in progress**.
- After installation, the controller may restart automatically if required by any QA.
- **Done** – QA apps are installed.

**Warning: Do not interrupt the installation process.**

Continue with configuration according to each QA.

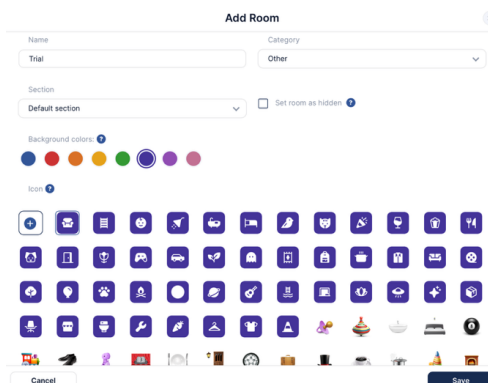
# Trial Application Installation

## Download QA Trial

- Download the required QA Trial file (.fqax) to your device.

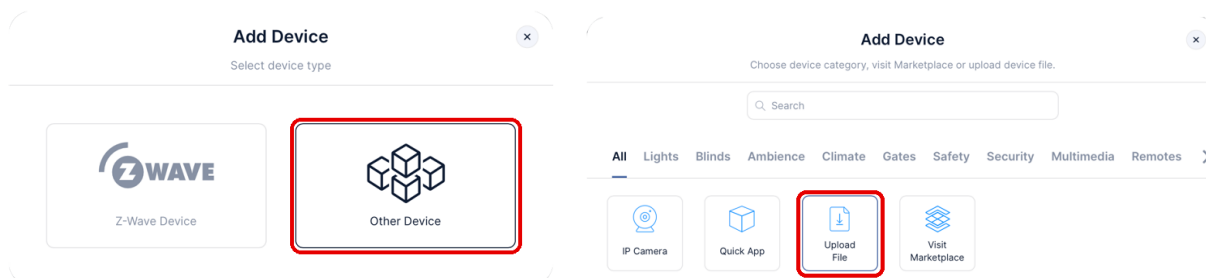
## Create a New Room (optional)

- Open **Settings** → **Rooms**.
- Click **Add Room**.
- Enter the room name, select the category (e.g. Other) and choose an icon.
- Save the changes.



## Upload QA Trial

- Return to the main page (Dashboard).
- Open the newly created room.
- Click the **+** icon.
- Select **Other Device**.
- Choose **Upload File**.
- Upload the QA Trial file (e.g. BatteryLevelCheck\_Trial.fqax).



## Complete Installation

- The installation starts – do not interrupt it and wait until it finishes.
- After that, refresh the browser page to load all icons.
- Then configure the QA according to its installation manual.