

# Commissioning

## Control system

HEMS controller [HC-IQ-HEMS](#) and all communication interfaces are supplied with preinstalled firmware.

For system configuration use [HIQ HEMS Configurator](#) .

## Power meters

1. **Connect** only **one new power meter** at the time.
2. In **HIQ HEMS Configurator** go to **settings** page. New power-meter should be detected (Address and Type should be displayed).
3. Long-press button on power meter until **-SET-** is displayed.
4. Press **New address** and enter new address according to following table.

Device	Address
Grid	150
1st power plant	154
2nd power plant	155
3rd power plant	156
1st storage	157
2nd storage	158
1st consumer	160
2nd consumer	161
...	...
8th consumer	167

## Load managers

### Add new device

1. In **HIQ HEMS Configurator** go to **wireless** page
2. **Click on device** which will be added
3. Wait for **network open - waiting device** status.
4. Press **button on device**.
5. Wait until device is addressed and configured.

Procedure can be interrupted with **“close network”** button.

## Remove device

1. **Reset device:**
  - power off wireless device for few seconds.
  - After powering on wait for few seconds for device to boot on.
  - Press and hold button, LED indicator will go **off**, then **green** and at the end **red**.
  - Release button.
2. In **HIQ HEMS Configurator** go to **wireless** page
3. Reset device should have error state (yellow sign with exclamation)
4. Click on reset device to clear place.

## Control devices








1. In **HIQ HEMS Configurator** go to **wireless** page
2. **Press icon** for control device (wireless enocean push-button) to be configured
3. On control device **press 0** (off) button
4. On control device **press 1** (on) button


## Sensors

### Add new sensor

1. Adjust sensor address with **DIP-switches** according following table
2. In **HIQ HEMS Configurator** click on sensor which will be added
3. Wait for **network open - waiting device** status
4. **Power on** and **pres button** on sensor
5. Wait until sensor is configured

Procedure can be interrupted with **“close network”** button.

Sensor	Address	DIP switch settings
S1	60	
S2	61	
S3	62	
S4	63	
S5	64	
S6	65	
S7	66	

Sensor	Address	DIP switch settings
S8	67	

## Remove sensor

### 1. Reset sensor:

- Power off sensor for few seconds
- Reconnect sensor power supply
- After sensor power on (but within 20 sec) press and hold button for at least 6 sec

2. In **HIQ HEMS Configurator** reset device should show error

3. **Click** on error icon **to free** occupied space

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