



# Fibaro Motion Sensor Integration Release Notes

For model FGMS-001

## Content

Preface...	1
Introduction...	1
Installing the motion sensor...	2
Pairing the sensor in the apps...	2
Pairing the motion sensor...	5
Configuring rules with the sensor...	8
Contact information...	10

**Last modified:** 09/25/18

## Preface

For information on Z-Wave and ClareHome, see [Installing Z-Wave with ClareHome](#).

## Notes

- When installing Z-Wave devices, ensure that there is nothing inhibiting their signal. Z-Wave relies on radio signals. Metal or thick walls may limit their signal strength.
- We recommend having 2 or more repeating Z-Wave devices.

## Introduction

The Fibaro FGMS-001 Motion Sensor provides real time motion detection with ClareHome via the Z-Wave network. Installers only need to pair (add/include) the sensor to the ClareHome Z-Wave network and mount the unit in the desired location.

The sensor has built in LED warnings as well as a tilt sensor for tamper detection. By integrating the motion sensor into a ClareHome control system, your customers can be alerted if there is motion in their home from their Android or iOS devices.

## Installing the motion sensor

Only qualified installation technicians should install the motion sensor. Follow the installation instructions that came with your Fibaro equipment. We recommend that you pair the motion sensor with the ClareHome Z-Wave controller before installation/placement.

**Note:** This release of the Fibaro Motion Sensor only supports the motion sensor parent device.

## Pairing the sensor in the apps

After installing the sensor, pair it.

**To pair the sensor ClareHome or Install Assist:**

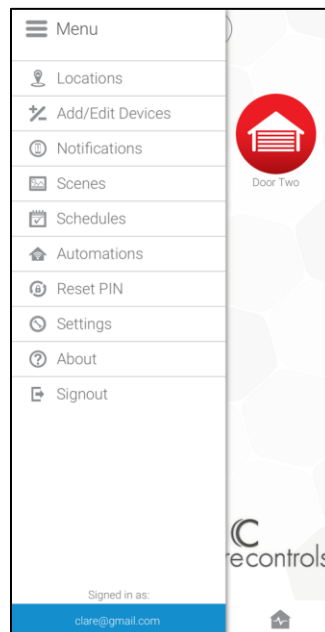
**Note:** The pairing process is the same for each device.


1. Access the Clare Controls Install Assist app, and then tap **Add Devices**.

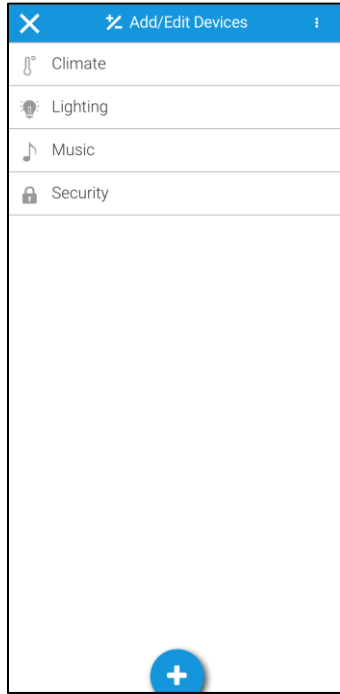


– or –

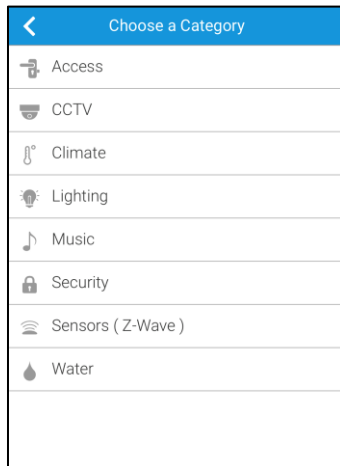
Access the ClareHome Mega Menu, and then tap **Add/Edit Devices**.



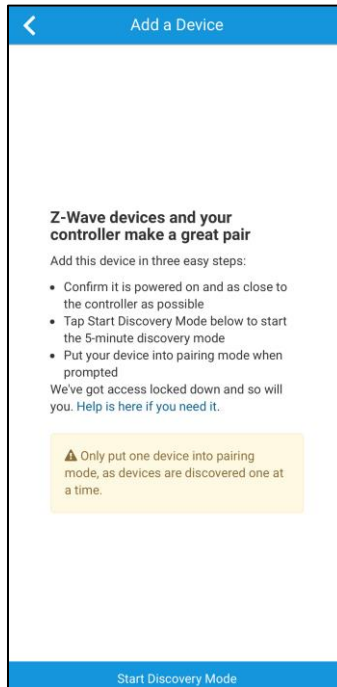
2. At the bottom of the screen, tap the plus icon .



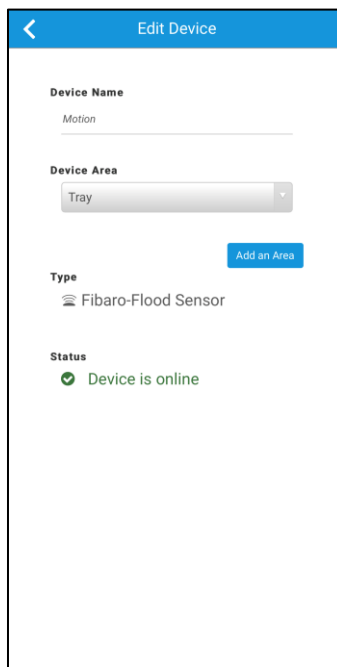
3. Tap **Sensors (Z-Wave)**.



4. Tap **Start Discovery Mode**, and then pair the device as per the manufacturer's instructions.



5. Enter a name for the sensor, and then select an area.




6. Tap outside of the area drop-down and the device automatically saves.

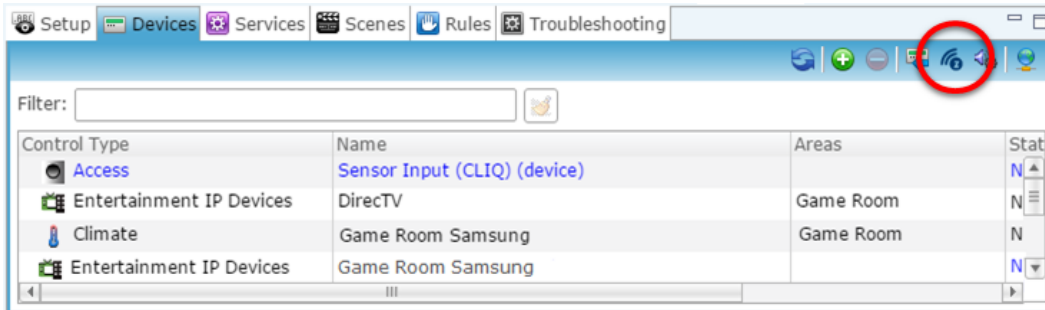
**Note:** For notification and automation configuration, see [ClareHome App Guide \(DOC ID 1750\)](#).

## Pairing the motion sensor

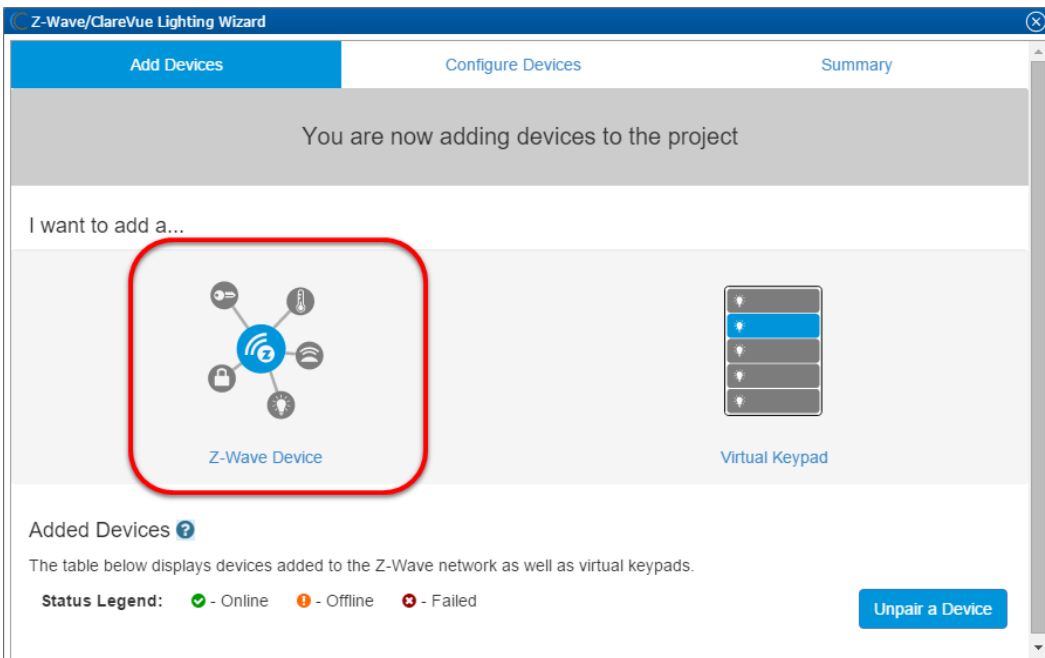
Before installing the motion sensor, pair it.

To pair the motion sensor with Fusion:

1. Access your project, and then click the **Z-Wave Wizard** icon .



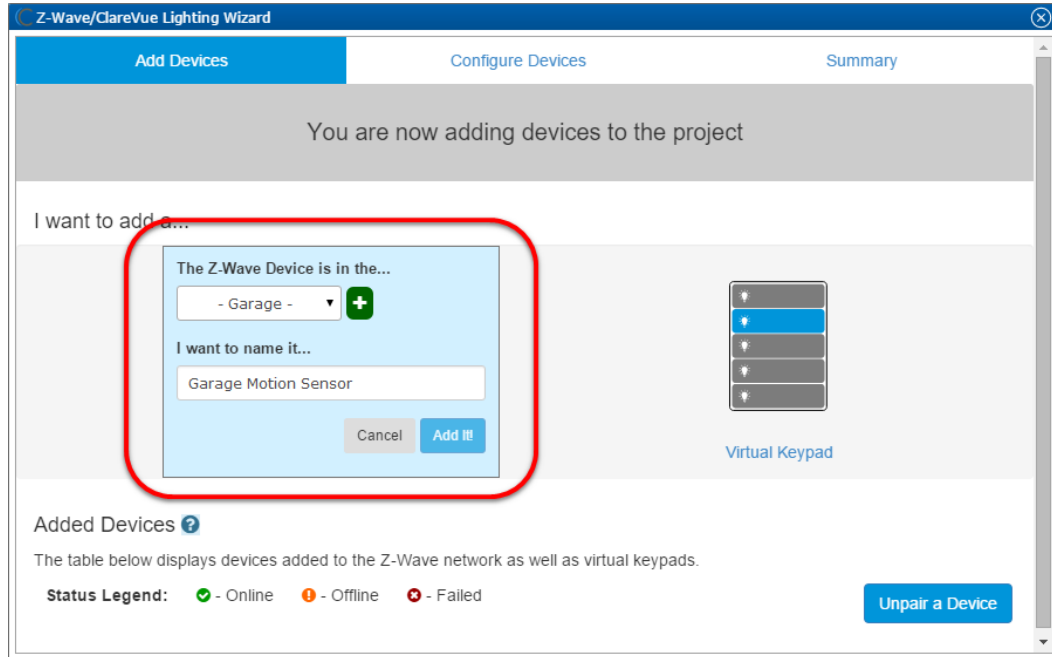
2. Click on **Z-Wave Devices**.



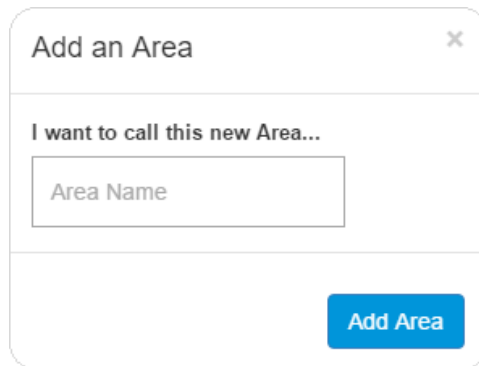
3. Select the device's location, and then enter a name for the device.

### Notes

- We recommend naming the device after its location to avoid confusion. For example, Garage Motion Sensor.

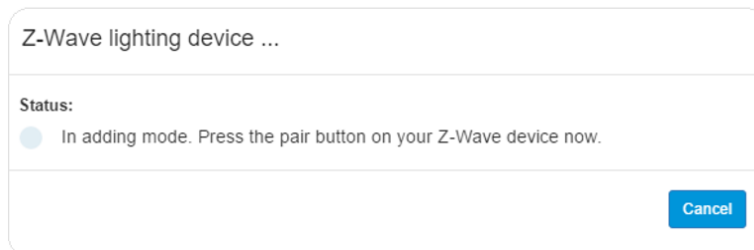


- If you want to add an area, click the green plus icon , enter a name for the area, and then click **Add Area**.



4. Click **Add It!**.

The Z-Wave adding mode dialog displays.



- Twist the motion sensor to remove the battery cover, and then press the exposed internal button 3 times. Refer to installation instructions that came with your sensor.

**Note:** The Z-Wave lighting device dialog goes away when the device has been paired.

- The motion sensor appears in the added devices list.

**Added Devices** ?

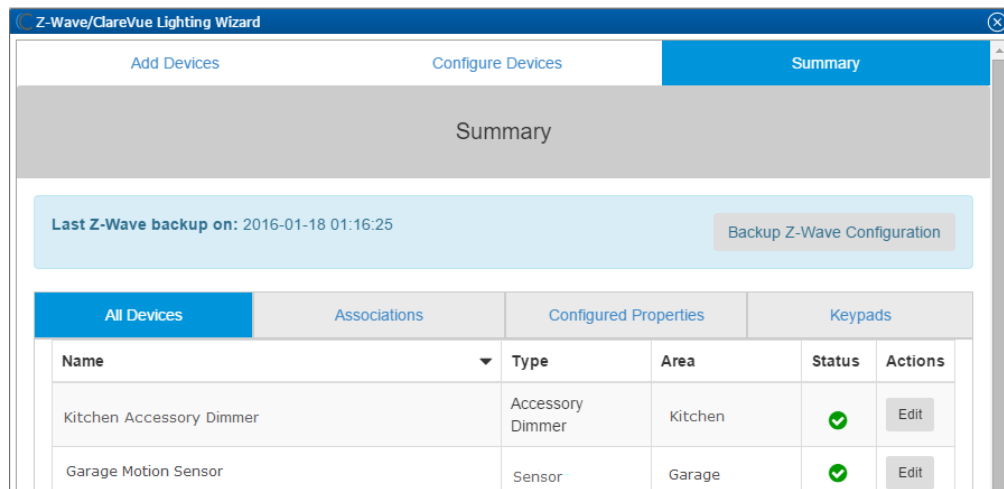
The table below displays devices added to the Z-Wave network as well as virtual keypads.

**Status Legend:** ✔ - Online ⚠ - Offline ✖ - Failed Unpair a Device

Name	Type	Area	Node ID	Device Status	Actions
Kitchen Dimmer	Dimmer	- Kitchen -	7	✔	Delete
Garage Motion Sensor	Sensor	- Garage -	5	✔	Delete

Next

- Click the **Summary** tab to view all Z-Wave Wizard added devices and their status.



- Click the **Close Window** icon  in the top-right of the wizard to exit and return to the **Devices** tab.

**Note:** The Z-Wave devices added with the Z-Wave Wizard are automatically imported on the **Devices** tab.

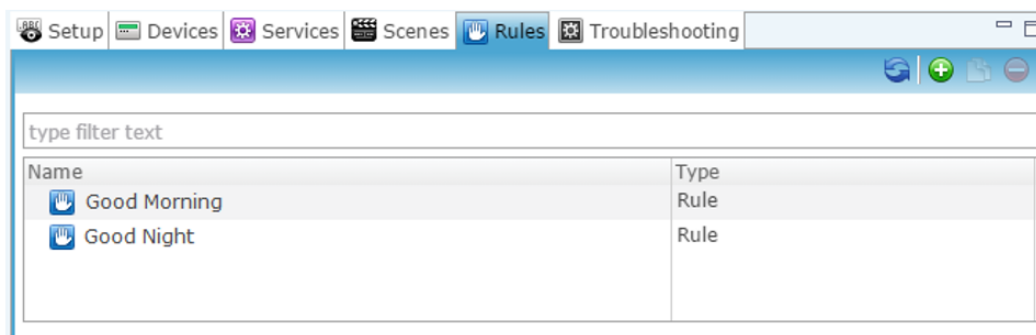
## Configuring rules with the sensor

Configure a rule for the Fibaro Motion Sensor.

The following example sets a motion detection rule. When the sensor detects motion, the homeowner is alerted with an email.

**To create a motion sensor rule in Fusion:**

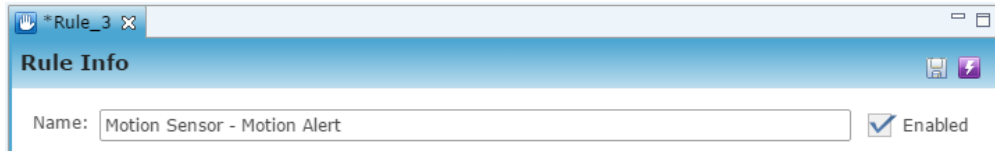
- Access your project, and then click the **Rules** tab.



- Click the **New Rule** button .



3. Enter a name for the rule, and then select the Enable Rule checkbox.

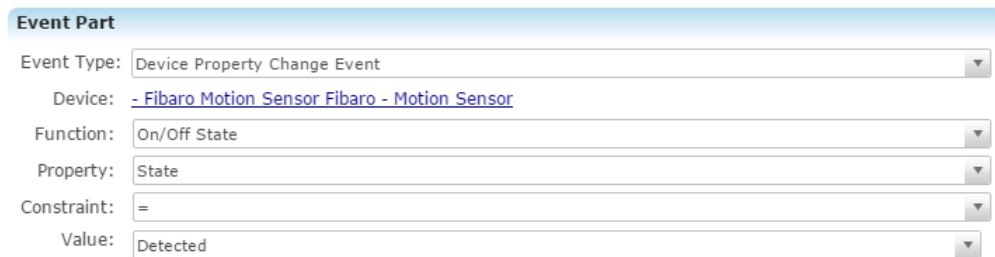


The screenshot shows a window titled '\*Rule\_3' with a 'Rule Info' header. Below the header, there is a text input field containing 'Motion Sensor - Motion Alert' and a checked checkbox labeled 'Enabled'.

4. Configure the Event Part as below.

**Note:** This release of the Fibaro Motion Sensor only supports the motion sensor parent device.


- **Event Type:** Device Property Change Event
- **Device:** Fibaro Motion Sensor (parent device)
- **Function:** On/Off State
- **Property:** State
- **Constraint:** =
- **Value:** Detected



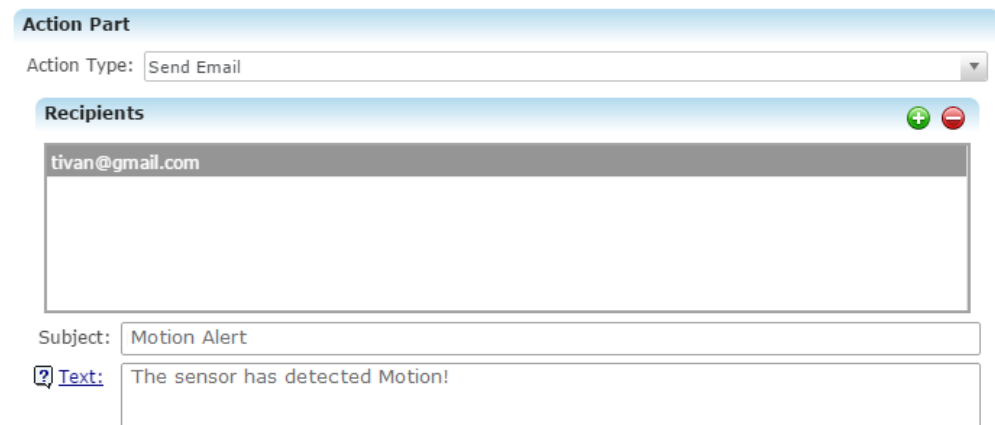
The screenshot shows the 'Event Part' configuration window. It contains several dropdown menus: 'Event Type' is set to 'Device Property Change Event', 'Device' is set to '- Fibaro Motion Sensor Fibaro - Motion Sensor', 'Function' is set to 'On/Off State', 'Property' is set to 'State', 'Constraint' is set to '=', and 'Value' is set to 'Detected'.

5. Configure the Action part as below.


- **Action Type:** Send Email
- **Recipients:** The homeowner's Email address

**Note:** To add an Email address, you must click the green plus icon . Do this for each desired Email recipient.

- **Subject:** The purpose of the alarm
- **Text:** The information included in the email



The screenshot shows the 'Action Part' configuration window. The 'Action Type' is set to 'Send Email'. Below it is a 'Recipients' section with a list containing 'tivan@gmail.com'. There are also fields for 'Subject' (set to 'Motion Alert') and 'Text' (set to 'The sensor has detected Motion!').

6. Click the **Save** button , and then deploy the project.

### Rule options for the Fibaro Motion Sensor

When creating rules for the Fibaro Motion Sensor, consult the table below to better understand the options available for the motion sensor.

**Table 1: Fibaro Flood Sensor properties**

Device	Event Type	Functions	Property	Constraint	Value
Motion Sensor (parent)	Motion Sensor	On/Off State	State	>, <, =, >=, <=	Detected or Not detected [1]
	Z-Wave Wake Up	Not supported			
	Battery Level	Not supported			
Light Sensor	Not supported				
Tamper Alarm	Not supported				
Temperature Sensor	Not supported				

[1] **Detected/Not Detected:** The motion sensor either detects or does not detect motion.

## Contact information

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