



Fibaro Flood Sensor Integration Release Notes

For model FGFS-101

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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 FGFS-101 Flood Sensor provides real time water/flood status monitoring with ClareHome via the Z-Wave network. Installers only need to pair (add) the sensor to the ClareHome Z-Wave network and place the unit in the desired location.

By integrating the flood sensor into a ClareHome control system, your customers can be alerted if there is a leak/flood in their home or if the sensor is being moved. Updates and status information are all accessible from the customer's Android or iOS devices.

Installing the flood sensor

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

Note: This release of the Fibaro Flood Sensor only supports water detection.

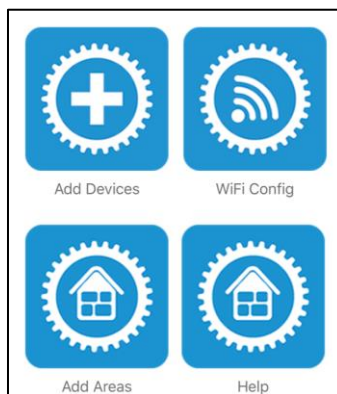
Pairing the sensor in the apps

After installing the sensor, pair it.

To pair the sensor ClareHome or Install Assist:

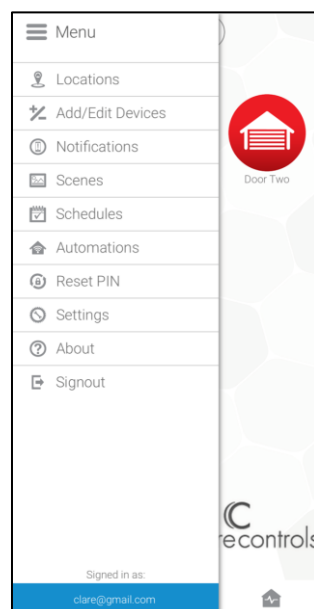
Note: The pairing process is the same for each device.


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

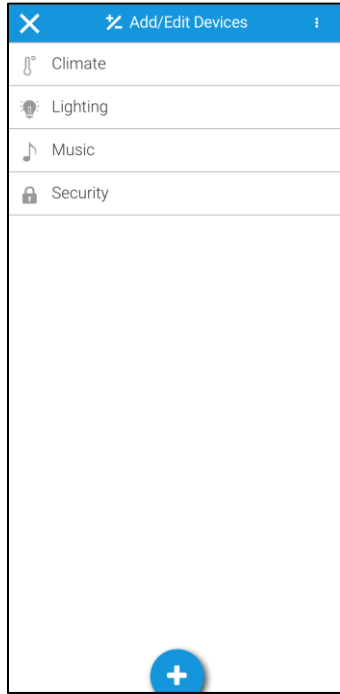


– or –

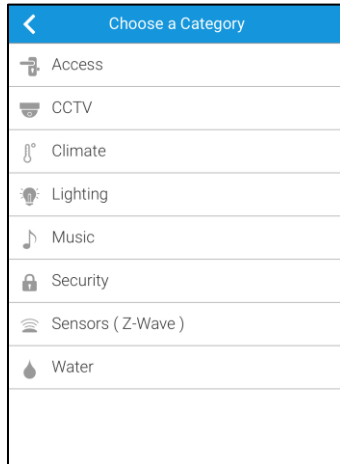
Access the ClareHome Mega Menu, and then tap **Add/Edit Devices**.



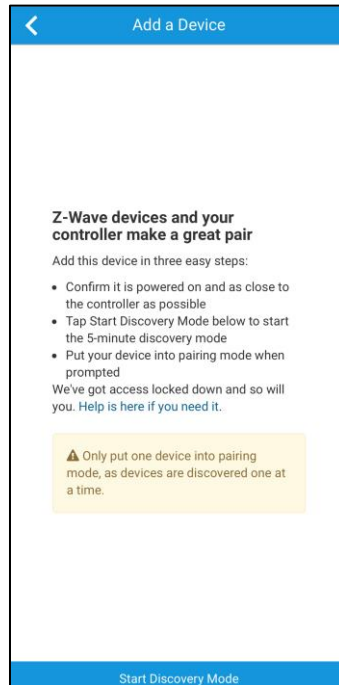
2. At the bottom of the screen, tap the plus icon .



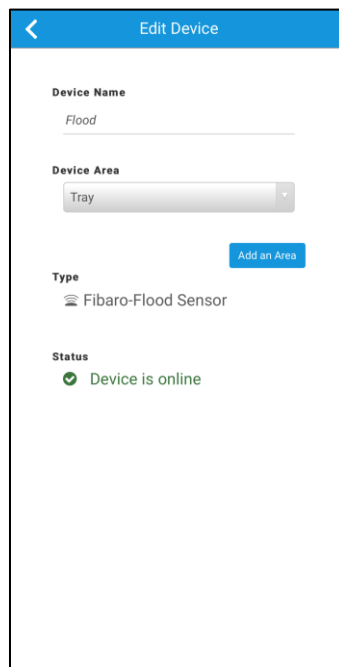
3. Tap **Sensors (Z-Wave)**.



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.

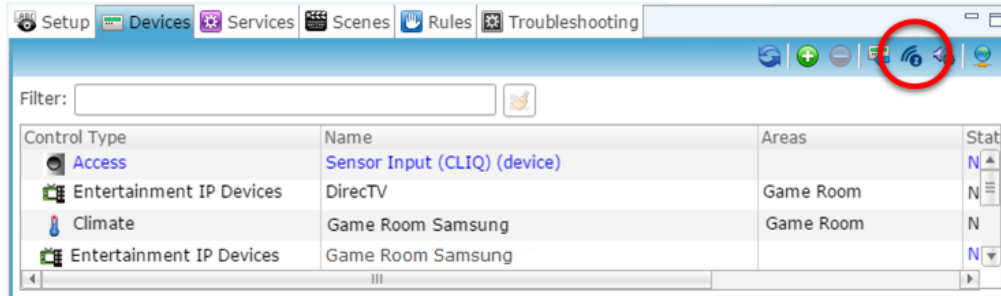
Note: For notification and automation configuration, see [ClareHome App Guide \(DOC ID 1750\)](#).

Pairing the flood sensor

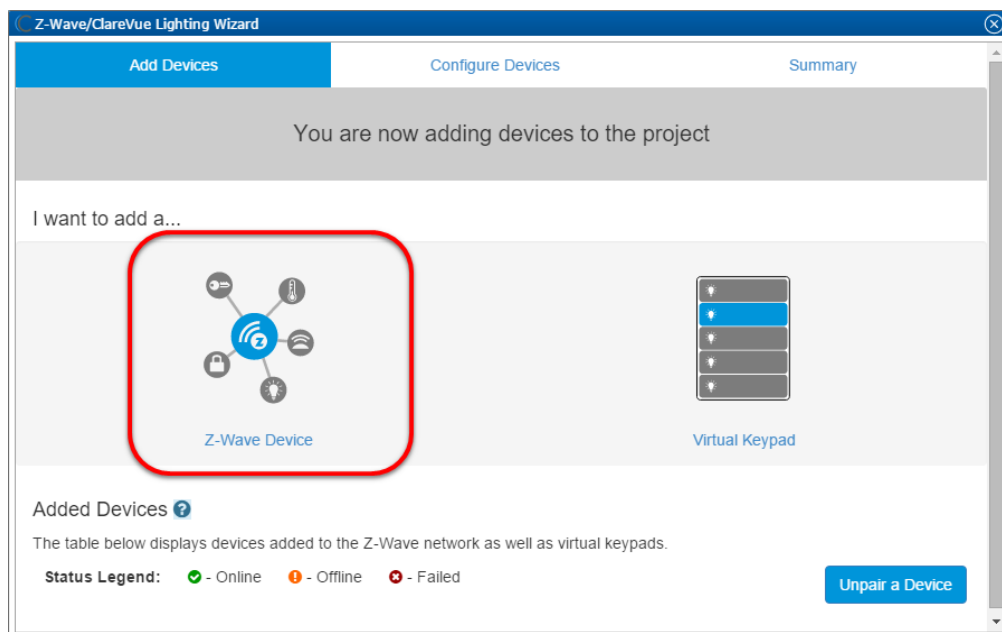
Before installing the flood sensor, pair it.

To pair the flood sensor with Fusion:

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



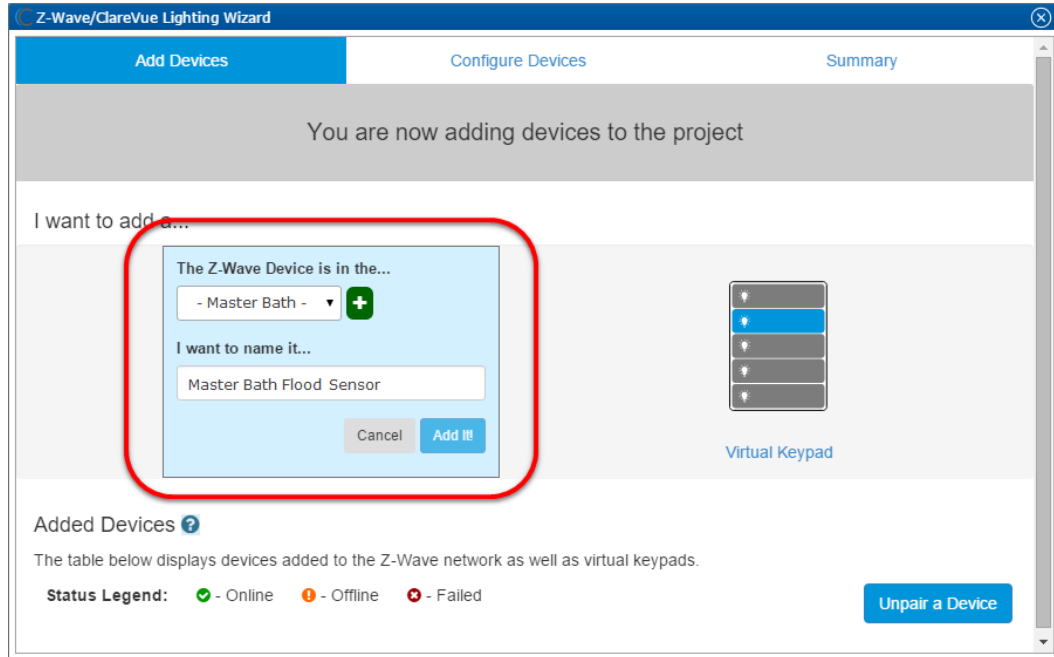
2. Click on **Z-Wave Devices**.



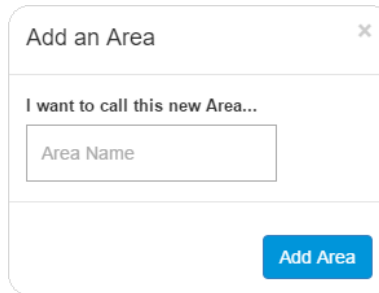
3. Select the device's location, and then enter a name for the device.

Notes

- We recommend naming the device after its location to avoid confusion. For example, Master Bath Flood Sensor.

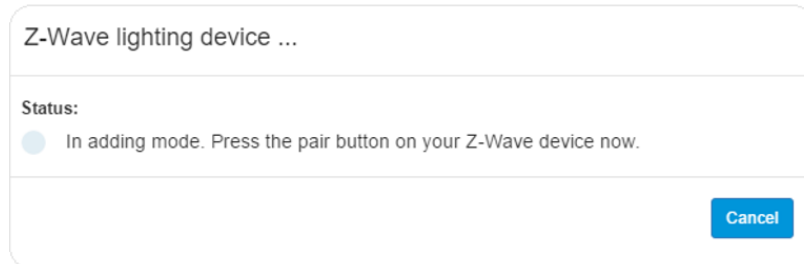


- If you want to add an area, click the green plus icon , enter a name for the area, and then click **Add Area**.



4. Click **Add It!**.

The Z-Wave adding mode dialog displays.



- Remove the flood sensors top battery cover, and then press the TMP button (small black lever) 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 flood sensor appears in in the added devices list.

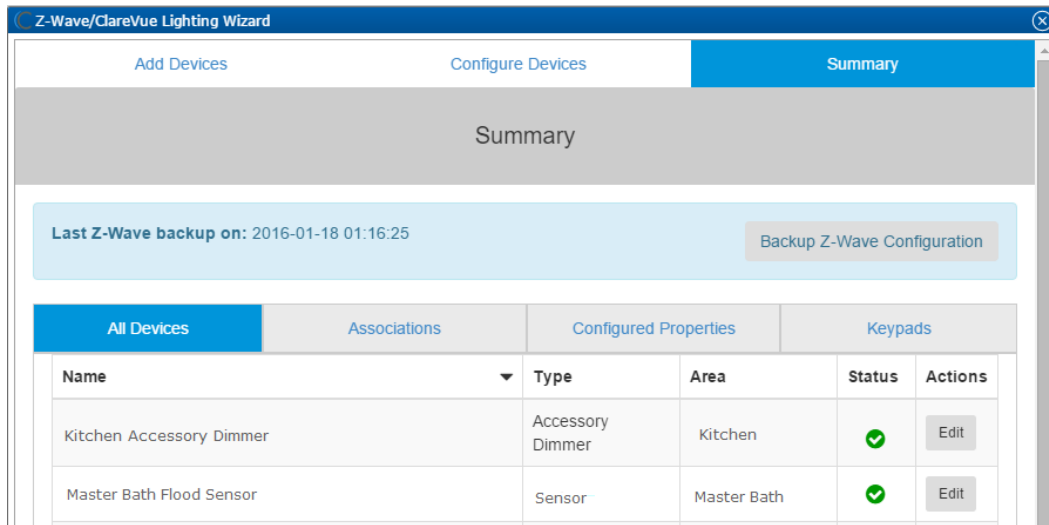
Added Devices ?

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

Status Legend: ✔ - Online ! - Offline ✘ - Failed

Name	Type	Area	Node ID	Device Status	Actions
Kitchen Dimmer	Dimmer	- Kitchen -	7	✔	Delete
Master Bath Flood Sensor	Sensor	- Master Bath -	5	✔	Delete

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



8. 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.

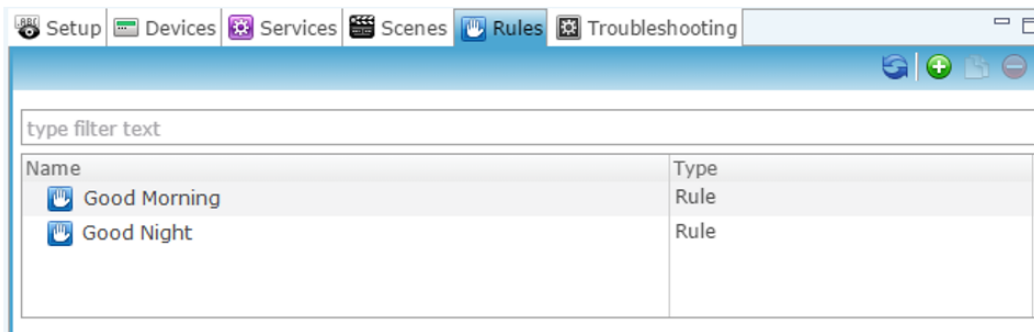
Configuring rules with the sensor

Configure a rule for the Fibaro Flood Sensor.

The following example sets a water detected rule. When the flood sensor detects water, the homeowner is alerted with an email.

To create a flood sensor rule in Fusion:

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



2. Click the **New Rule** button .

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

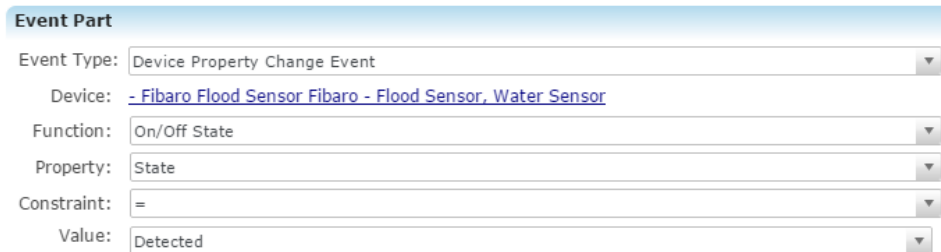


The screenshot shows a window titled '*Rule_3' with a 'Rule Info' header. Below the header, there is a text input field for 'Name' containing the text 'Flood Sensor - Flood Alert'. To the right of this field is a checked checkbox labeled 'Enabled'.

4. Configure the Event Part as below.

Note: The Flood Sensor is currently the only supported device.


- **Event Type:** Device Property Change Event
- **Device:** Fibaro Flood Sensor
- **Function:** On/Off State
- **Property:** State
- **Constraint:** =
- **Value:** Detected



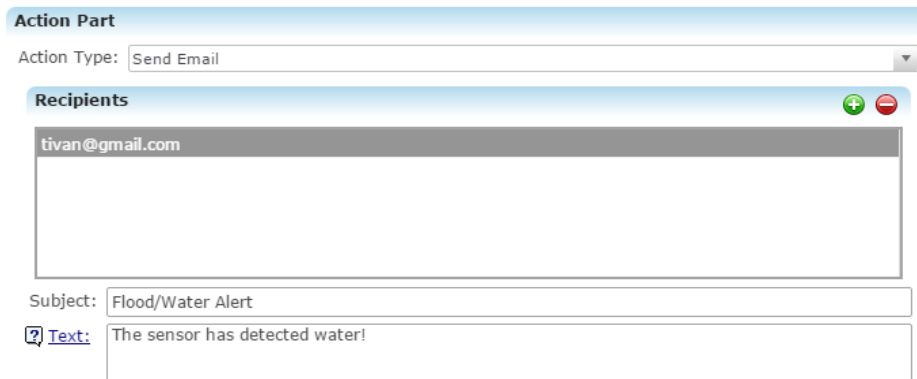
The screenshot shows the 'Event Part' configuration section. It contains several dropdown menus: 'Event Type' is set to 'Device Property Change Event', 'Device' is set to '- Fibaro Flood Sensor Fibaro - Flood Sensor, Water Sensor', 'Function' is set to 'On/Off State', 'Property' is set to 'State', 'Constraint' 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 section. The 'Action Type' dropdown is set to 'Send Email'. Below it is a 'Recipients' section with a list containing 'tivan@gmail.com'. The 'Subject' field contains 'Flood/Water Alert' and the 'Text' field contains 'The sensor has detected water!'.

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

Rule options for the Fibaro Flood Sensor

When creating rules for the Fibaro Flood Sensor, consult the below to better understand the options available for the flood sensor.

Table 1: Fibaro Flood Sensor properties

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

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

Contact information

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