Fibaro Door/Window Sensor Integration Release Notes

For model FGK-101 to 107

Content

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 FGK-101 Door/Window Sensor provides real time 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 sensor and magnet in the desired location. Once the pieces are separated, for example – opening a door, the sensor alerts ClareHome.

By integrating the sensor into a ClareHome control system, your customers can be alerted when a door/window is opened in their home from their Android or iOS devices.

Installing the sensor

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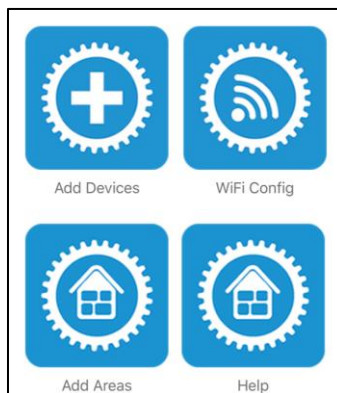
Pairing the sensor in the apps

After installing the sensor, pair it.
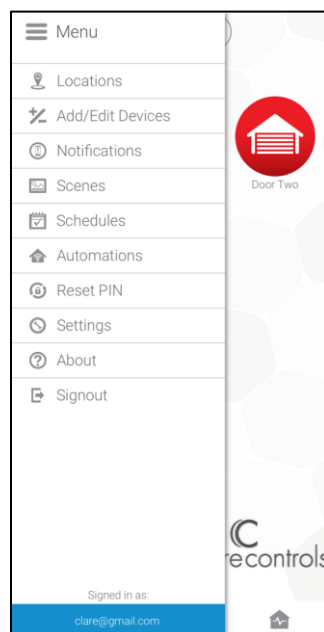
To pair the sensor ClareHome or Install Assist:

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

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

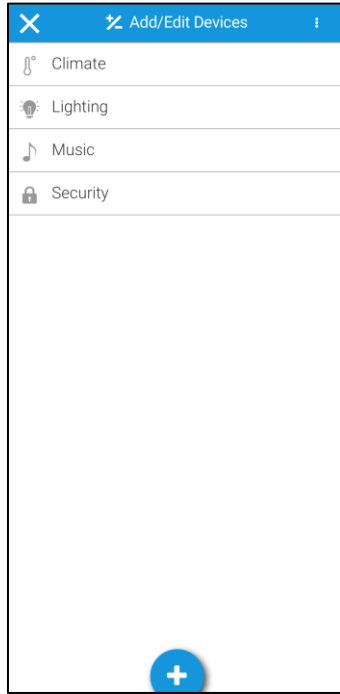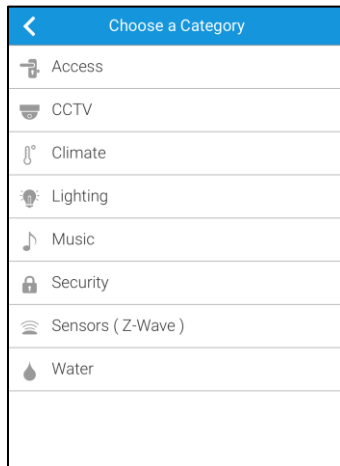– or –

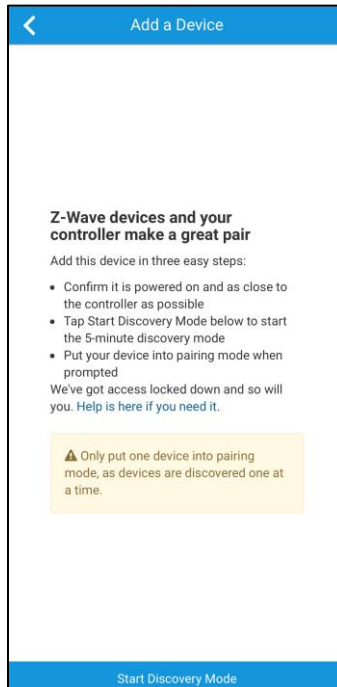Access the ClareHome Mega Menu, and then tap **Add/Edit Devices**.

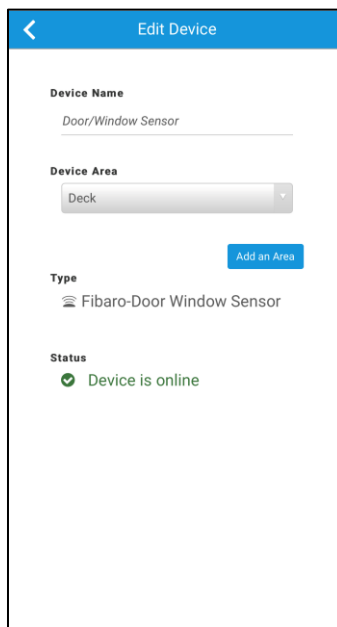2. At the bottom of the screen, tap the plus icon ➕.

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.
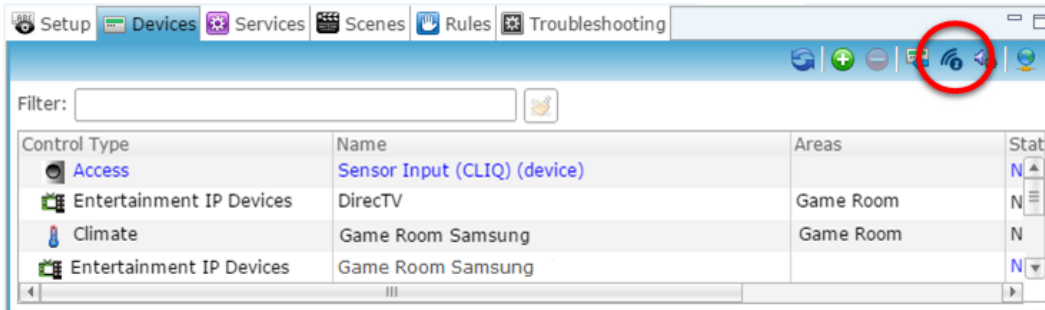
    Note: For notification and automation configuration, see *ClareHome App Guide* (DOC ID 1750).
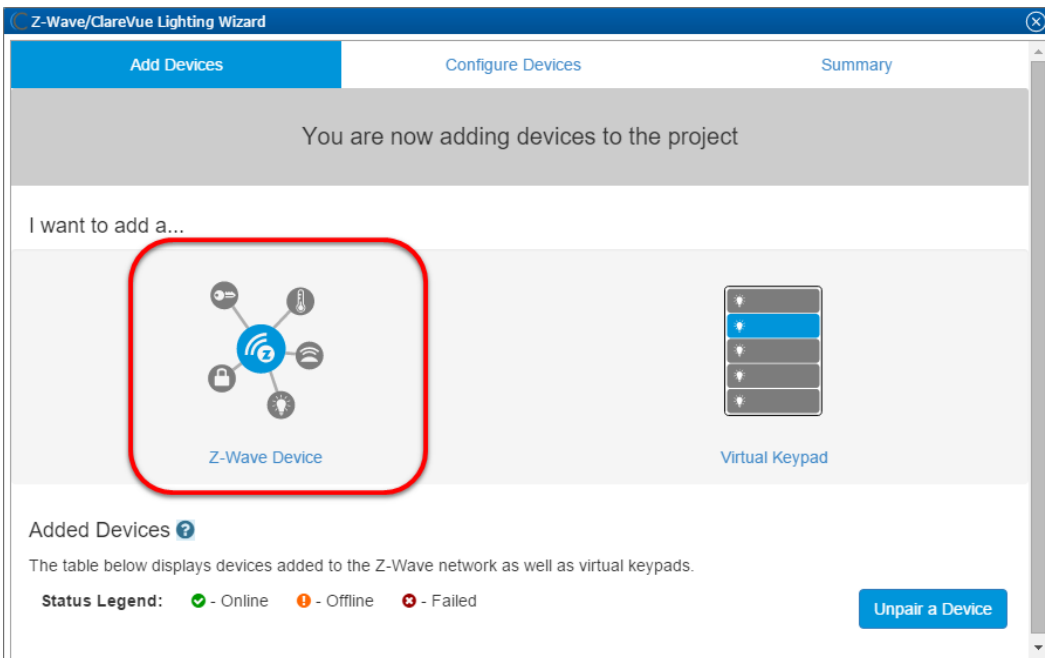
Pairing the sensor in Fusion

Before installing the sensor, pair it.

To pair the sensor with Fusion:

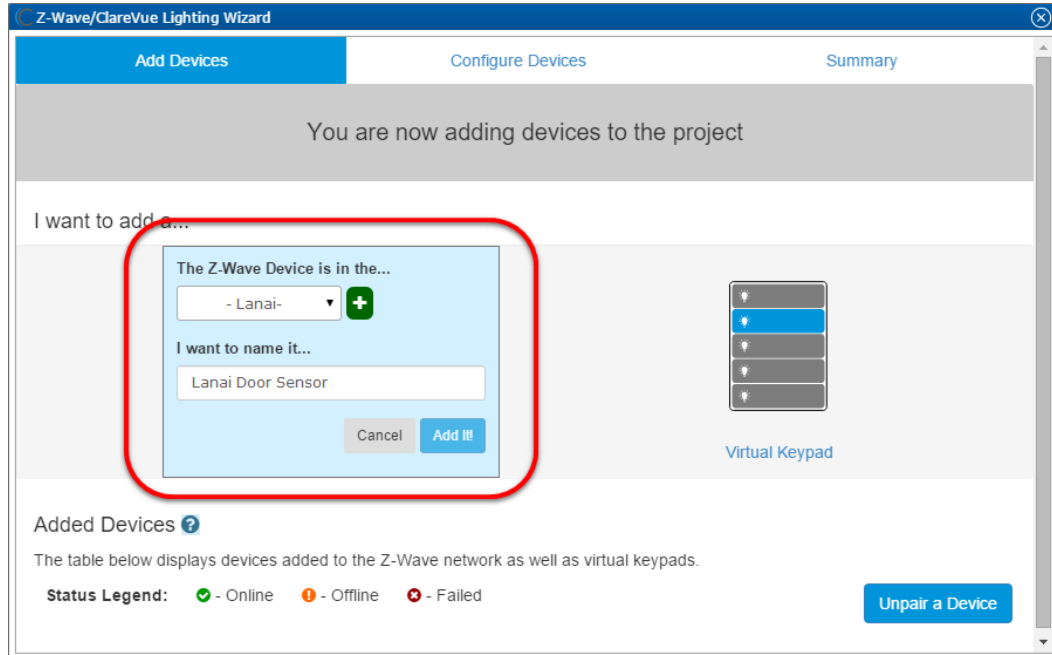1. Access your project, and then click the **Z-Wave Wizard** icon 📶.
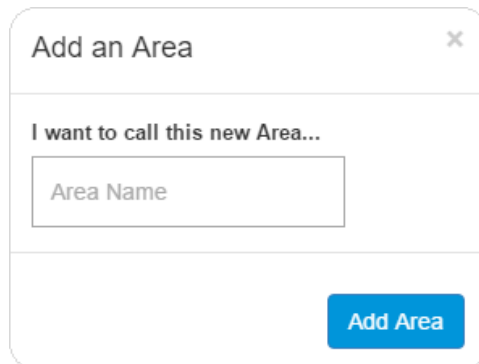

2. Click on **Z-Wave Devices**.

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, Lanai Door Sensor.
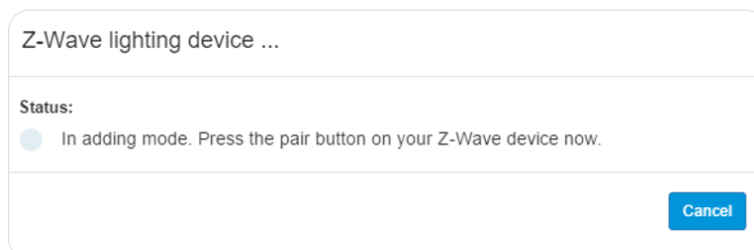

   - If you want to add an area, click the green plus icon , enter a name for the area, and then click **Add Area**.

4. Click **Add It!**.

   The Z-Wave adding mode dialog displays.

5. Remove the battery cover on the sensor, and then press the TMP button 3 times. Refer to installation instructions that came with your sensor.

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

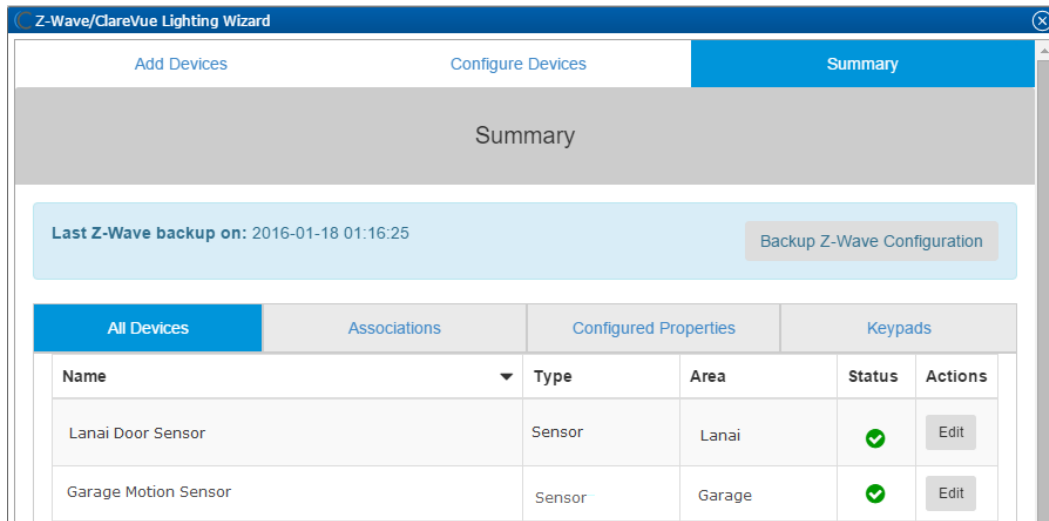6. The sensor appears in in the added devices list.

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.
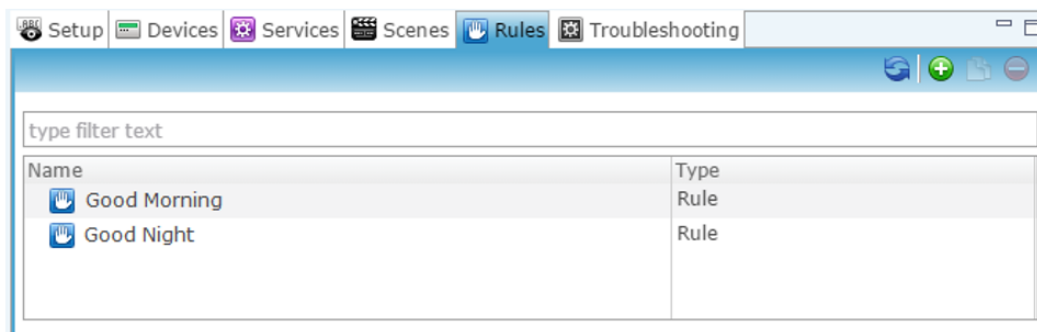
Configuring rules with the sensor

Configure a rule for the Fibaro Door/Window Sensor.

The following example sets a detection rule. When the sensor is separated from the magnet – for example, opening the door or window the sensor is attached to, the homeowner is alerted with an email.

To create a detection rule in Fusion:

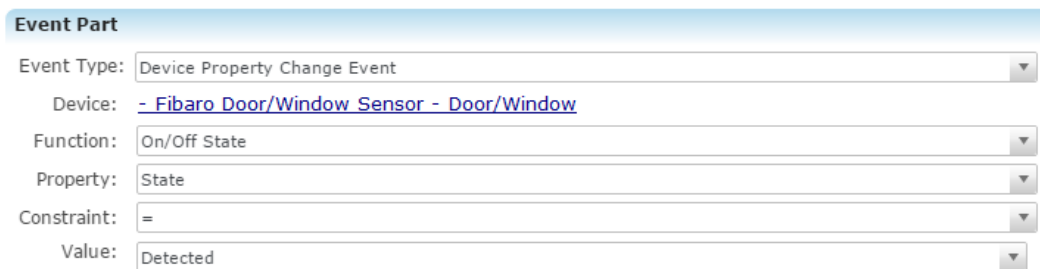1. Access your project, and then click the **Rules** tab.

2. Click the **New Rule** button ⊕.

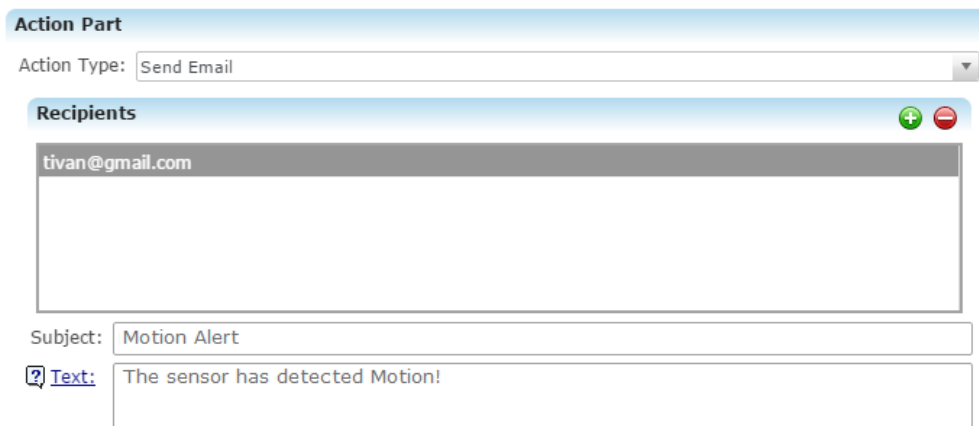3. Enter a name for the rule, and then select the Enable Rule checkbox.

4. Configure the Event Part as below.

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

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

Rule options for the Fibaro Door/Window Sensor

When creating rules for the door/window sensor, consult the table below to better understand the options available.

Table 1: Fibaro Door/Window Sensor properties

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

[1] **Detected/Not Detected:** The sensor either detects its connection to the magnet, or does not.

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