

# mySmarthome 4-in-1 Sensor

## What is mySmarthome?

Hauppauge mySmarthome allows you to monitor and control your home using the mySmarthome controller and mySmarthome devices (or hundreds of other Z-Wave devices).

mySmarthome connects to your home Internet router and uses our cloud based alert system to let you know when something happens in your home.

mySmarthome is reliable and secure, and can save energy.

## mySmarthome 4-in-1 Sensor provide

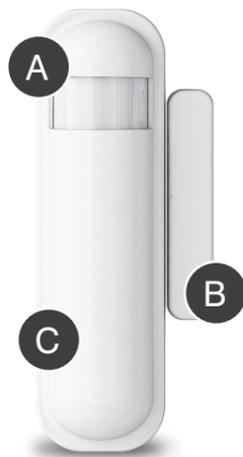
- Motion detection - infra-red motion detector
- Open/close sensor - magnetic detector with supplied magnet
- Temperature - built-in temperature sensor
- Luminance - built-in light sensor

## System requirements

- mySmarthome controller or other Z-Wave controller

## Package contents

- mySmarthome 4-in-1 sensor
- removable magnet
- velcro strips for attaching



- A** Motion and luminance detector
- B** Magnetic door/window contact
- C** Temperature sensor

## Overview

### mySmarthome 4-in-1 Sensor overview

The mySmarthome 4-in-1 Sensor can be used to trigger events with mySmarthome alerts. Some examples of the use of the 4-in-1 sensor are:

- the 4-in-1 sensor senses motion and sends a MOTION notification to the mySmarthome controller over the wireless Z-Wave network. The mySmarthome controller can then be programmed, through a mySmarthome Rule, to send an e-mail notification to you once motion has been detected.
- sun light comes into your home and is detected by the LUMINANCE detector inside the 4-in-1 sensor. The 4-in-1 sensor sends a LIGHT alert to the mySmarthome controller where a mySmarthome Rule can be setup to close the shutters through an automated Z-Wave shutter system. Note: the automated shutter system is not provided as part of the mySmarthome system, but can be optionally added.
- the temperature sensor in the 4-in-1 sensor sends a temperature notice to the mySmarthome controller every 10 minutes. A Rule can be setup in the mySmarthome controller to send an e-mail notification if the temperature drops below a certain level. Another rule can be setup to turn on a heating system if the temperature drops below a certain level.

**To add the 4-in-a Sensor to your mySmarthome or other Z-Wave network, we recommend you position the 4-in-1 Sensor within a few meters of the mySmarthome Controller. Once the device has been added, you can move it to its final position in your home.**

Note: the next steps can be used to add any of the hundreds of third party Z-Wave devices.

### Activate the battery

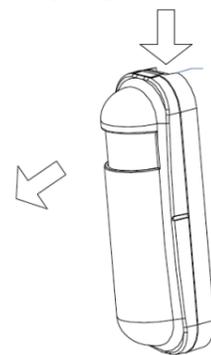
First activate the battery by pulling out the battery flap on the back of the 4-in-1 Sensor. You will also see the **tamper switch** for activating the inclusion / exclusion mode on the back.

### Replacing the battery

If you need to replace the battery, see the diagram below on removing the 4-in-1 Sensor case. The battery is a CR123A 3.0

### Mounting the 4-in-1 Sensor with screws

You can use the supplied tape strips to mount the 4-in-1 Sensor, or you can remove the cover and mount permanently to a wall or window. See the diagram below to remove the case to access the mounting holes.



## Step 1 Adding the 4-in-1 Sensor to your mySmarthome Z-Wave network

Once the battery on the back of the 4-in-1 sensor has been activated, you can add the device to your mySmarthome system.

**Adding devices is done in two steps: Removing or Exclusion and then Joining or Inclusion**

To add the 4-in-1 Sensor to your mySmarthome network, you will click the **tamper** button **three times in quick succession**. You can click more than 3 times, but 3 times is the minimum to be detected by the mySmarthome controller.

### On a PC or Mac:

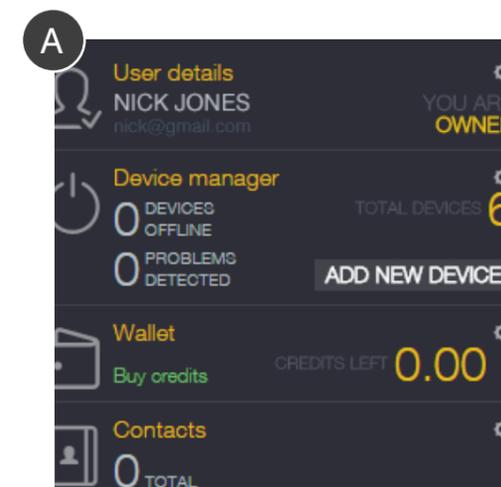
Once you have logged into your mySmarthome account, in the mySmarthome browser, click **ADD NEW DEVICE (A)**.

### On your smartphone:

Log into the mySmarthome App, and open the Main Menu ≡ and choose "Add device" **+** Add device

### On both types of devices:

1. In the next window, select **Z-WAVE**.
2. **Removing/Exclusion:** Once you select Z-Wave, a countdown will start (B). During this countdown, click the tamper button **three times in quick succession**. You can click more than 3



## Step 2 Adding the 4-in-1 Sensor to your mySmarthome Z-Wave network

times, but 3 times is the minimum to be detected by the mySmarthome controller.

3. This will reset the mySmarthome 4-in-1 Sensor. You should see **Device found (C)** and the **Removing Device** count down stop and the **Searching for devices** will then start (D).

### Joining:

Once the **Searching for devices** count down starts (D), click the tamper button **three times in quick succession**. You can click more than 3 times, but 3 times is the minimum to be

detected by the mySmarthome controller. When the mySmarthome Controller detects the three button click, the **Searching for devices count down** will stop.

Your 4-in-1 Sensor is now added to your mySmarthome system and a **Congratulations** will pop up on your screen (E).

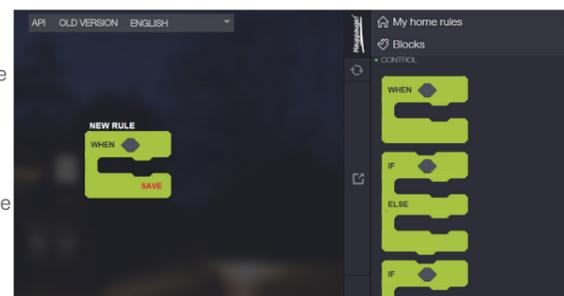
Now you can position the 4-in-1 Sensor in your home. The magnet can be used to sense a window or door opening.



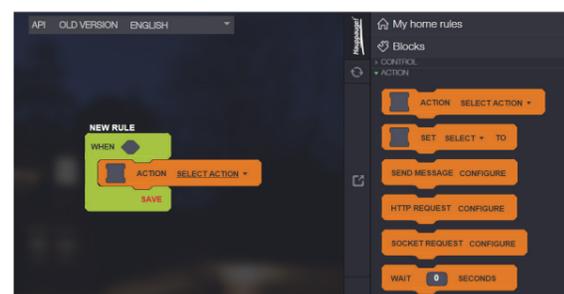
## Step 3 Using the 4-in-1 Sensor in a simple rule

The 4-in-1 Sensor can be used in a Rule to trigger an event such as the turning on of a light. Here is an overview of a simple rule using the 4-in-1 Sensor. This rule will turn on a light when motion is sensed by the 4-in-1 sensor.

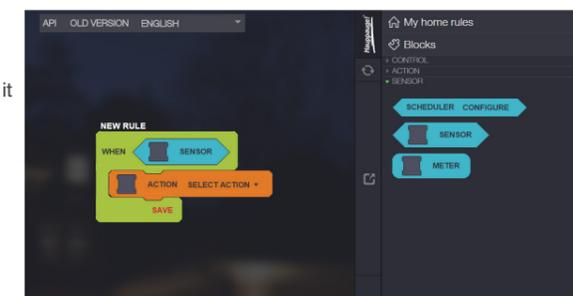
Go to the Rules creator. This is on the right hand side of the mySmarthome control panel. Open **Blocks** Click on the **CONTROL** tab Grab **WHEN** and drag it to the middle of the mySmarthome page



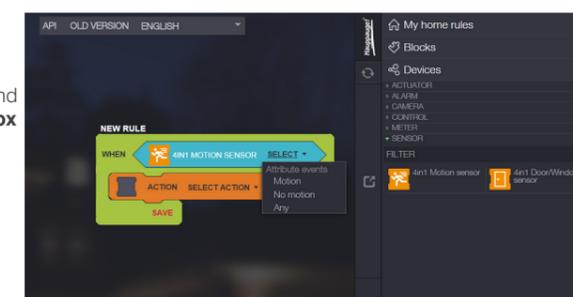
Then open the **ACTION** tab Grab **ACTION** and drag and drop it in the **middle of the WHEN** block



Then open the **SENSOR** tab Grab **SENSOR** and drag and drop it in the **top of the WHEN** block



Then open **Devices** Go to **SENSOR** tab Grab your **4 in 1 Motion sensor** and drag and drop it in the **SENSOR** box

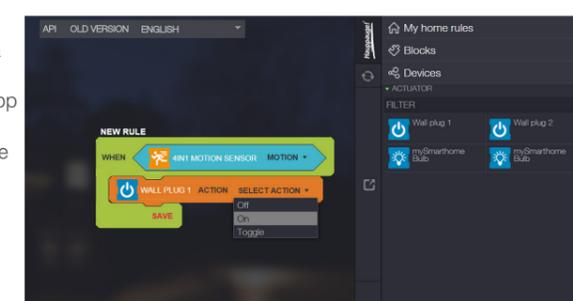


Then click on **SELECT** and choose **Motion**

Then open the **ACTUATOR** tab Assuming you have already setup a Wall plug, you will find it here. Grab **Wall Plug 1** and drag and drop it into the **ACTION** box

Click **SELECT ACTION** and choose **On** (this will turn the wall plug on when motion is detected)

Then click **SAVE** on your rule and then click the **Synchronize** button (just below the Hauppauge logo).



That's it!