

# Displaying Status of Two Sensors with One Icon (HS3)

How-to display status of two sensors with one icon in HS3. Note: This will work in HS4 but the steps included graphics are inaccurate.

Let's say I have a tilt sensor and motion sensor in my garage and I want to indicate the garage door and occupancy status of both on my touchscreens. However, I have limited space on my dashboard. I decide to use a virtual device to reflect both attributes with one status icon.

## 1. Create graphic icons to reflect all possible conditions:

- Door Closed - No Motion
- Door Closed - Motion
- Door Open - No Motion
- Door Open - Motion

Save these icons to your HomeSeer HS3/html/images/HomeSeer/status/folder.




Example (full-size versions of these icons are available for download at the bottom of this page):



## 2. Create virtual device "Garage Status" with text values for each condition above. I used values 1, 10, 20, 30

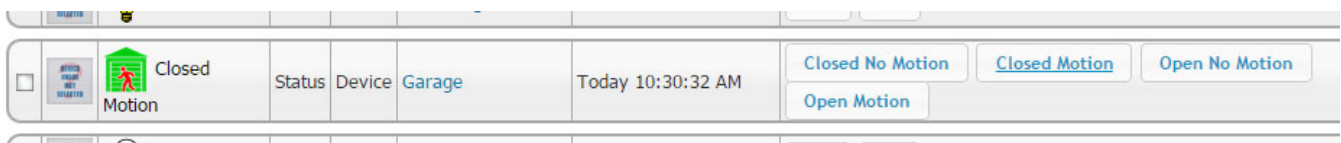
Value	Status
0	Closed No Motion
10	Closed Motion
20	Open No Motion
30	Open Motion

## 3. Associate each value with the appropriate graphic icon

Value	Graphic	Graphic Path	
0		images/HomeSeer/status/Closed-No-Motion.png	<a href="#">Edit</a> <a href="#">Delete</a>
10		images/HomeSeer/status/Closed-Motion.png	<a href="#">Edit</a> <a href="#">Delete</a>
20		images/HomeSeer/status/Open-No-Motion.png	<a href="#">Edit</a> <a href="#">Delete</a>
30		images/HomeSeer/status/Open-Motion.png	<a href="#">Edit</a> <a href="#">Delete</a>

[Add New Single Graphic](#) [Add New Range Graphic](#)

if you navigate to the Device List, your device will now look something like this:



#### 4. Create events to change the value of the Garage Status virtual device

For example, I create an event (not shown here) to reset an HS3 timer every time motion is sensed. When the timer reaches four minutes, I consider the garage unoccupied. You'll need to create one event for each Garage Status condition and each event will need two trigger/condition combinations. Here's what one of mine looks like:

▼ **Event Name:**  
Garage Status - Closed with Motion

**IF** Outside Garage Door Sensor changes and becomes Closed  
**AND IF** Motion Sensor's value is less than 3m, 59s

**OR IF** Motion Sensor's value becomes 1s  
**AND IF** Outside Garage Door Sensor has a value equal to Closed

**Then** Set Device Status Device Garage to Closed Motion

**5. Add the Garage Status virtual device to your HS3Touch project and deploy**

Now, instead of adding the door sensor and motion sensor to your HS3Touch projects, you just need to add this new virtual device to your projects!



