Datasheet MotionSensor

MotionSensor device

Isaac GARCIA - Jeremy SAVONET

27/06/2013

This document shows technical characteristics of the simulated device MotionSensor.

VERSION

Version	Date	Description
V1.0	27/06/13	File creation

General Description

MotionSensor can supply only one model of motion detection switch which is a standard transformation or a movement, into a signal or event.

The motion sensor can be used to detect if someone is moving in a room. We describe in section MotionSensor device Outline methods linked to this device.

Physical considerations

There is no physical consideration for this type of device. Indeed, this device is used to get a physical value. In our case, we do not care about the way the actuator gets this value.

MotionSensor device Outline

Hereafter we explain methods that can be useful for the user to use a motion sensor.

Interface: **fr.liglab.adele.icasa.device.motion.MotionSensor**

getSerialNumber()	Get the device ID
addListener(DeviceListener listener)	Subscribe to motion event

DeviceListener Outline

Hereafter we explain methods that can be useful for the user to retrieve motion detection events.

Interface: **fr.liglab.adele.icasa.device.device.DeviceListener**

deviceEvent(MotionSensor device, Object value)	Event triggered when the motion sensor detects a movement. - **Device: is the motion sensor object** - **Value: is a Boolean. TRUE object.**