PSM01-1/-2/-3/-4 Door/Window 3 in 1 sensor   Z-Wave Series

Features

- (1)Door/window, (2)temperature, (3)illumination 3 in 1 sensor
- Adopt newest Z-wave 400series chip, support   multichannel operation and higher data rate (9.6/40/100kbps)
- Higher output power (+2.5dBm output power as compared to -2.5dBm 300 series Z-wave module) to enhance the communication range
- 1500mA CR123A Lithium battery to guarantee 3.5 year battery life
- Built in illumination sensor while applied to light control
- Adopt Z-Wave protocol to secure the success of   wireless two way communication
- With Tamper proof protection
- Easy install
- Low battery indication
- Z-Wave V6.02
- Z-Wave Certificated No. ZC08-13050003
- Auto report the open/close status and battery status
- LVD: EN60950-1:2006+A11:2009
- FCC part15.249 / EN300 220-1/ certification
- NCC

SPEAKS ⓩWAVE®

Introduction

The Door/Window 3 in 1 sensor provide (1)Door/window, (2)temperature, (3)illumination 3 sensor in 1, The sensor consists of two parts; a Detector and a Magnet.   They are designed to be fitted to doors or windows with the Magnet mounted on the opening part and the Detector mounted on the fixed frame. Opening the protected door/window will remove the magnetic field, trigger the detector and generate an alarm condition, (if the system is armed).

The sensor can also applied to automatic light control, one scenario is to get the illumination lux level from built in illumination sensors and send a signal to Z-wave switch to turn the light on once we open the door when the room is dark

Every time when Door/Window trig, the sensor will also send temperature and illumination value as well. Also the temperature will send out the value when temperature changes.
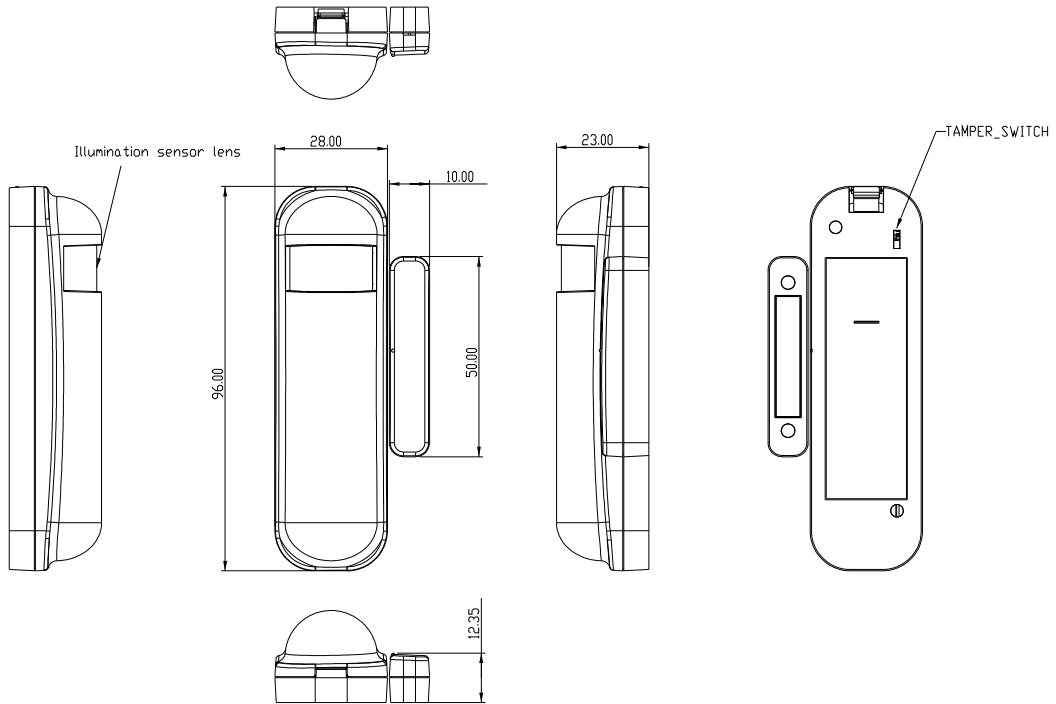
Power	Operating Voltage Standby current Operating current Low battery voltage	3V CR123A 30 uA 37mA 2.6V
RF	Frequency -1/-2/-3/-4 Regulation Distance	868.42 (EU) / 908.42(USA) / 922.5/923.9/926.3(Taiwan/JP) / 921.42(AU) MHz FCC part15.249 / EN300 220-1/ min. 40m indoor min. 100m outdoor
Mechanical	weight Dimension (W x H x D)	52 g Detector 28 X 96 X 23 mm Magnet. 10 X 50 X 12 mm
Battery	CR123A Battery life	1500mAh > 3.5 years @condition 1 > 2.5 years @condition 2
Environment	Operation Temperature Humidity	-10 ~ 40° C 85%RH max
Temperature	Detect range	-10 ~ 70° C
Illumination	Range	0~500 lx
Hardware	Magnetic gap(Open→Close) Magnetic gap(Close→Open)	28 mm 30 mm

Condition 1. At normal connect situation and trigger 14 times per day (every trigger means close to open or open to close)
Condition 2. At normal connect situation and trigger 260 times per day (every trigger means close to open or open to close)

Dimension   unit:mm

Illumination sensor lens

28.00

10.00

96.00

50.00

23.00

TAMPER_SWITCH

12.35

Application:

Home Security
Home Automation

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