



Multi Sensor WSS101

Smart Home Multi-Sensor is well designed for detection of various home environments changing, like: open and close of doors and windows, human and animal motion, illumination and temperature changing. Besides the detection function, it triggers the Control Center to send out warning messages.

Features

- ▶ Z-Wave 500 series module inside
- ▶ Higher output power to enhance the communication range (+5dBm output power as compared to -2.5dBm 300 series)
- ▶ Integrate PIR Sensor, Door/Window Sensor, Illumination Sensor, Temperature Sensor
- ▶ 1700mAh CR123A Lithium battery to guarantee 2 years battery life
- ▶ Low power indication
- ▶ With tamperproof protection Slim, small and elegance
- ▶ Easy installation
- ▶ EN 301 489-1, EN 301 489-3 EN 300 220-1, EN 300 220-2 EN62479, EN60950 FCC Part 15 B, FCC Part 15 C

Specification

Hardware

Operating Voltage	3.0 V by CR123A
Standby Current (Sleep Mode)	8.8uA (WSS101/ WSS102), 5.3uA (WSS103)
MCU Wake Up Current	25 mA
Low Battery Voltage	2.6 V
Battery	CR123A_1700 mA
Battery Life	WSS101/ WSS102: 2 years WSS103 : 3.5 years
RF Range	Z-wave Min. 40M indoor; Min. 100M outdoor

Mechanical

Detector Dimension	96(L) x 28(W) x 23(H) mm
Detector Weight	WSS101 40 g ; WSS102 39 g; WSS101 38 g
Magnet Dimension	50(L) x 12(W) x 10(H) mm
Magnet Weight	9g

Sensitivity

Magnetic Gap	3 mm
Illumination	0 ~ 500 Lx
Temperature	-10°C ~ 70°C

Environment

Operating Temp.	0 ~ 40° C to have better PIR and battery performance
Humidity	85% RH max