



PST02-XA 4in1 Multi Sensor

The Z-Wave 500 Series Module adopted

Farther Range, Faster, Smarter, Thin, Small And Multi Functions

Fits Your Home Decoration Style

Extremely low power consumption

Long Battery Life

Easy To Install



SUMMARY

Introduction

The 4 in 1 multi sensor integrates (1)Door/Window Sensor (2)PIR Sensor(3)Illumination Sensor (4)Temperature Sensor together to satisfy the finicky users who want to have multi functions, small and beautiful devices at the same time discreet.

The sensor can be used as a security device or home automation sensor. When the sensor cooperates with security application, the Door/Window sensor and PIR sensor can act as an alarm detector. When the sensor works as home automation device, it can transmit the value of illumination and the temperature to the controller. And the controller can turn the air conditioner on/off which is preset by users.

The temperature sensor can also detect the environment temperature to adjust heater or cooler to achieve preset temperature or detect the abnormal environment temperature (like freeze sensor or fire sensor) to send the warning message.

Goals

Philio is committed on creating the home automation product which is innovative, reliable price, and also the beautiful appearance. We believe that people not only need useful products, but it should also be smart and



elegant to satisfy the desire on beautiful things. This is why every product has a similar familial look and small in size. It can retrofit to your home decoration easily.

MODEL CHART

Model Number	Region	Frequency
PST02-1A	EU	868.4 ~ 869.85 MHz
PST02-2A	USA	908.4 ~ 916.0 MHz
PST02-3A	JP	922.5 ~ 926.3 MHz
PST02-4A	AU	921.42 MHz
PST02-7A	Israel	916.0 MHz

MAIN FEATURES

Feature

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 3.5 years battery life

Low power indication

With tamperproof protection

Slim, small and elegance

Very easy to install

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

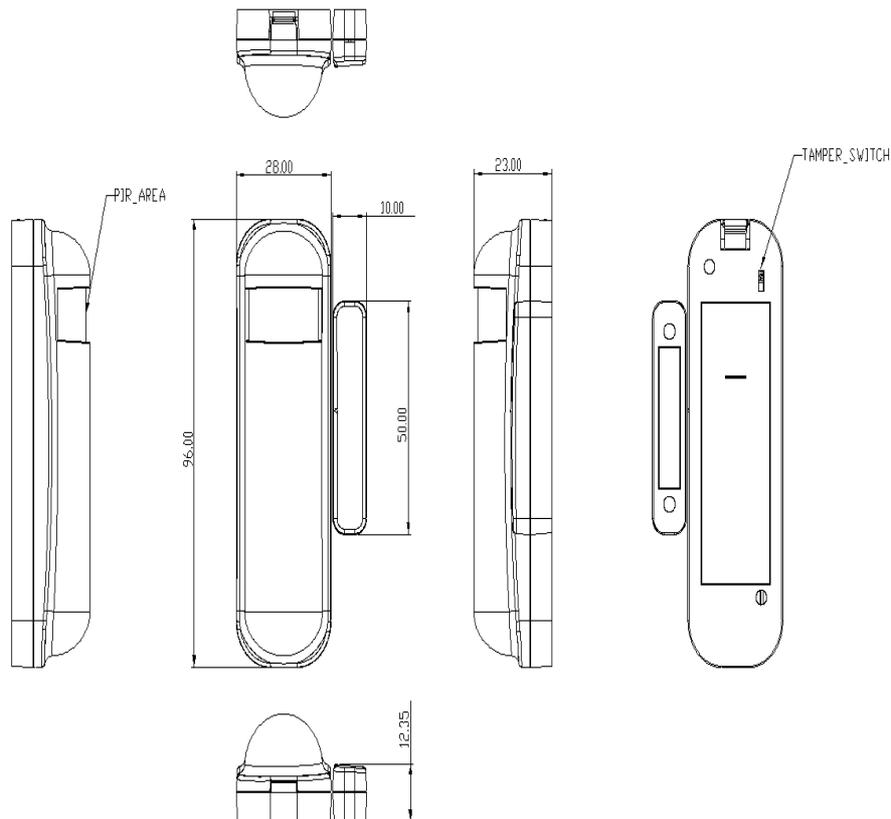


SPECS

Power	Operating Voltage	3.0 V by CR123A
	Standby Current (Sleep Mode)	8.8uA
	MCU Wake Up Current	25 mA
	Low Battery Voltage	2.6 V
RF Range	Z-Wave	Min. 40M indoor Min. 100M outdoor
Battery	CR123A	1700 mA
Battery Life	CR123A	2 years
Mechanical	Detector Dimension	96(L) x 28(W) x 23(H) mm
	Detector Weight	40 g
	Magnet Dimension	50(L) x 12(W) x 10(H) mm
	Magnet Weight	9 g
Environment	Operation Temperature	0 ~ 40° C to have better PIR and battery performance
	Humidity	85%RH max
Sensitivity	Temperature	-10 ~ 70 ° C
	Magnetic Gap	3 mm
	Illumination	0 ~ 500 Lx



Dimension



Application:

Home Security
Environment Monitoring
Home Automation

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PST02-XB Multi Sensor

The Z-Wave 500 Module adopted
Farer Range, Faster, Smarter, Thin, Small And Multi Functions
Fitting Your Home Decoration Style
Extremely low power consumption
Long Battery Life
Easy To Install



SUMMARY

Introduction

The 3 in 1 multi sensor integrates (1)PIR Sensor(2)Illumination Sensor (3)Temperature Sensor together to satisfy the picky users who want to have multi functions, small and beautiful devices but don't want it be unexpected.

The sensor can be used as a security device or home automation sensor. When the sensor cooperates with security appliances, the PIR sensor act as an alarm detector. Or, when the sensor works as home automation device. It can transmit the value of illumination and the temperature to the controller. And the controller can turn the fan on/off which preset by users.

The temperature sensor can also detect the environment temperature to adjust heater or cooler to achieve preset temperature or detect the abnormal environment temperature (like freeze sensor or fire sensor) to send the warning message

Goals

Philio committed on creating the home automation product which is innovative, reliable price, and also the beautiful appearance. We believe that people not only need a products to use, but also a smart and elegance thing to satisfy the desire on beauty things. That's why we made every products a family look and reduce the size. It can fit your home decoration easily and feel no unexpected.

MODEL CHART

Model Number	Region	Frequency
PST02-1B	EU	868.4 ~ 869.85 MHz
PST02-2B	USA	908.4 ~ 916.0 MHz
PST02-3B	JP	922.5 ~ 926.3 MHz
PST02-4B	AU	921.42 MHz

MAIN FEATURES

Feature

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, Illumination Sensor, Temperature Sensor

1700mAh CR123A Lithium battery to guarantee 2 years battery life

Low power indication

With tamperproof protection

Slim, small and elegance

Very easy to install

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

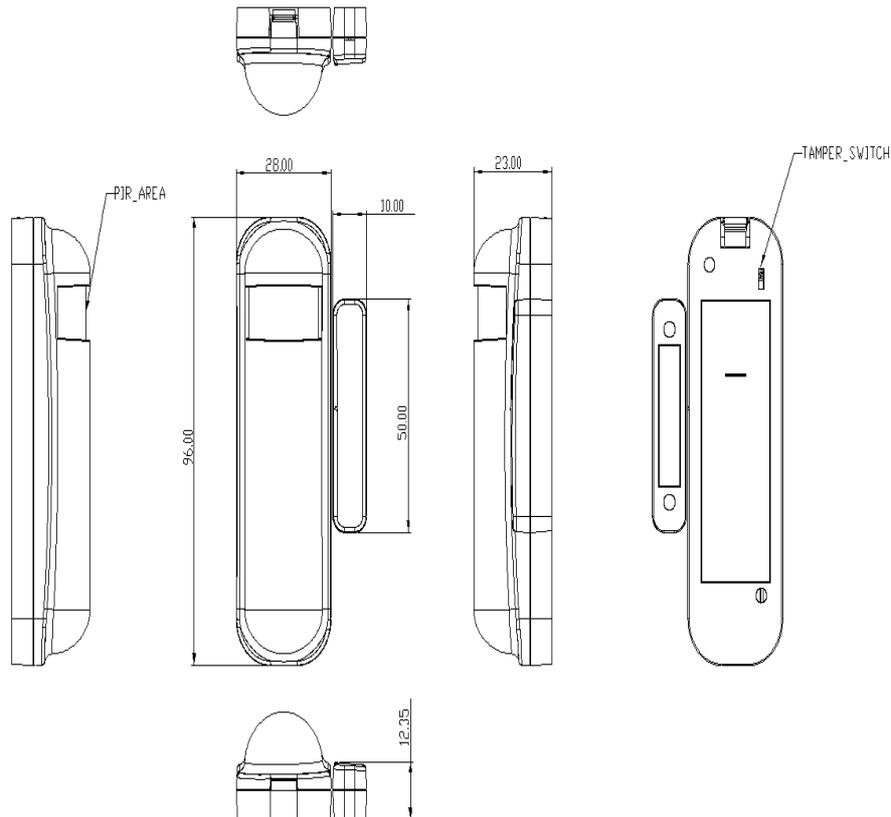


SPECS

Power	Operating Voltage	3.0 V by CR123A
	Standby Current (Sleep Mode)	8.8uA
	MCU Wake Up Current	25 mA
	Low Battery Voltage	2.6 V
RF Range	Z-Wave	Min. 40M indoor Min. 100M outdoor
Battery	CR123A	1700 mA
Battery Life	CR123A	2 years
Mechanical	Detector Dimension	96(L) x 28(W) x 23(H) mm
	Detector Weight	39 g
Environment	Operation Temperature	0 ~ 40° C to have better PIR and battery performance
	Humidity	85%RH max
Sensitivity	Temperature	-10 ~ 70 ° C
	Magnetic Gap	3 mm
	Illumination	0 ~ 500 Lx



Dimension



Application:

Home Security
Environment Monitoring
Home Automation

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PST02-XC Multi Sensor

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Fitting Your Home Decoration Style
Extremely low power consumption
Long Battery Life
Easy To Install



SUMMARY

Introduction

The 3 in 1 multi sensor integrates (1)Door/Window Sensor (2)Illumination Sensor (3)Temperature Sensor together to satisfy the picky users who want to have multi functions, small and beautiful devices but don't want it be unexpected.

The sensor can be used as a security device or home automation sensor. When the sensor cooperates with security appliances, the Door/Window sensor and PIR sensor act as an alarm detector. Or, when the sensor works as home automation device. It can transmit the value of illumination and the temperature to the controller. And the controller can turn the air conditioner on/off which preset by users.

The temperature sensor can also detect the environment temperature to adjust heater or cooler to achieve preset temperature or detect the abnormal environment temperature (like freeze sensor or fire sensor) to send the warning message

Goals

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MODEL CHART

Model Number	Region	Frequency
PST02-1C	EU	868.4 ~ 869.85 MHz
PST02-2C	USA	908.4 ~ 916.0 MHz
PST02-3C	JP	922.5 ~ 926.3 MHz
PST02-4C	AU	921.42 MHz



MAIN FEATURES

Feature

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 3.5 years battery life

Low power indication

With tamperproof protection

Slim, small and elegance

Very easy to install

EN 301 489-1

EN 301 489-3

EN 300 220-1

EN 300 220-2

EN62479

EN60950

FCC Part 15 B

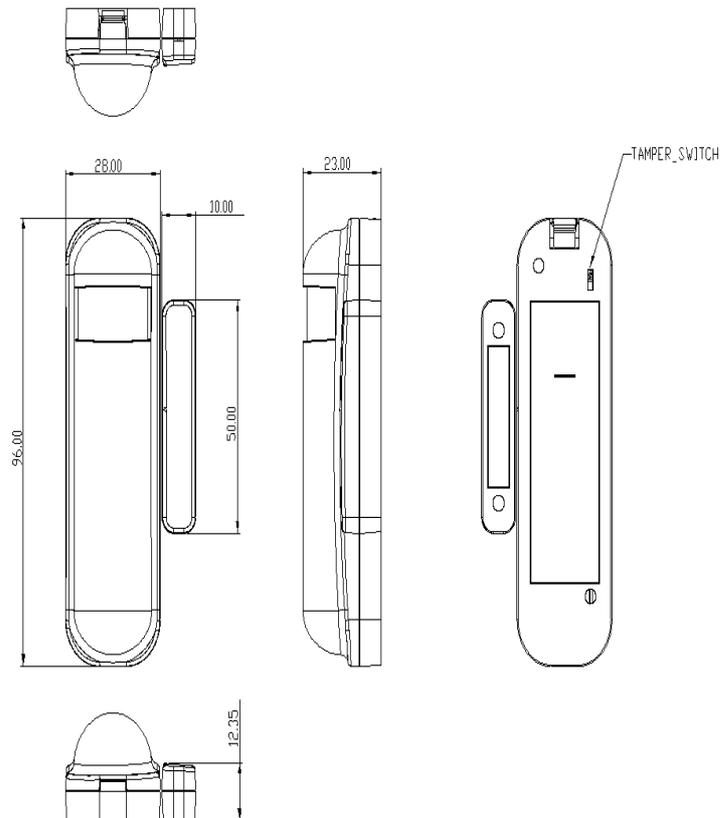
FCC Part 15 C

**SPECS**

Power	Operating Voltage	3.0 V by CR123A
	Standby Current (Sleep Mode)	5.3uA
	MCU Wake Up Current	25 mA
	Low Battery Voltage	2.6 V
RF Range	Z-Wave	Min. 40M indoor Min. 100M outdoor
Battery	CR123A	1700 mA
	CR123A	3.5 years
Mechanical	Detector Dimension	96(L) x 28(W) x 23(H) mm
	Detector Weight	38 g
	Magnet Dimension	50(L) x 12(W) x 10(H) mm
	Magnet Weight	9 g
Environment	Operation Temperature	0 ~ 40° C to have better PIR and battery performance
	Humidity	85%RH max
Sensitivity	Temperature	-10 ~ 70 ° C
	Magnetic Gap	3 mm
	Illumination	0 ~ 500 Lx



Dimension



Application:

Home Security
Environment Monitoring
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