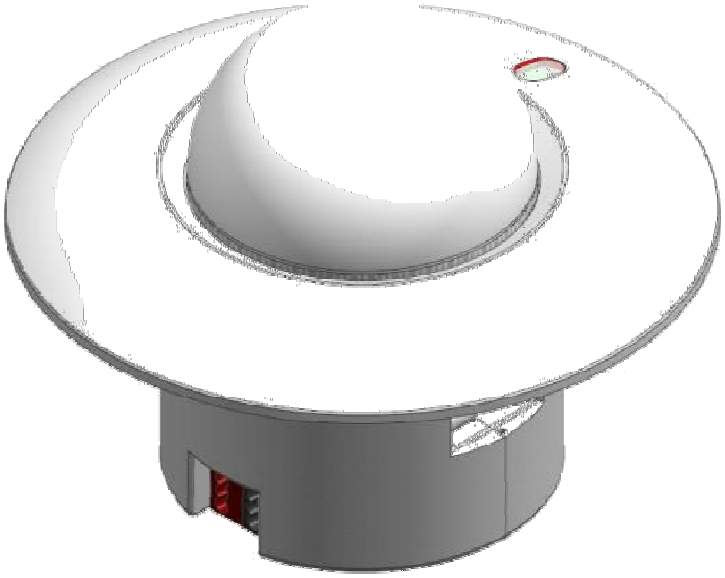
2016

KNX Presence Detector Manual



The manual refer to the following devices：

SATION-SS3001.1 PIR presence detector

SATION-SS3002.1 MW presence detector

SATION-SS3003.1 PIR presence detector with constant level light

SATION-SS3004.1 MW presence detector with constant level light

Zhuhai Sation Technology Co.Ltd

2016-12-20

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Version

Version NO.	Release time	Description
V1.0	Jan.30th.2016	First release
V1.1	Sep.10th.2016	Product update
V1.2	Dec.20th.2016	**Modify the technical parameters**

Notice

1. Please carefully read this manual before using the product
2. This product is used in indoor environment and installed in electrical control box
3. Please install this product in a dry and ventilated place
4. Before power on, please confirm the input voltage according to the manual; after power on, please confirm the normal output voltage before connecting to the control bus
5. Please make sure the secure shell is in good condition, if the shell is damaged, please stop using to avoid accident
6. The power lead and ground lead must meet the requirement of Electrical Installation Standard
7. Only used indoor, model number need to be changed for outdoor use
8. This product is NOT a toy, please make sure it is out of childrens' touch
9. Only be suitable for EIB/KNX system bus
10. Others:

The below sign indicates this product can't be dealt as ordinary family rubbish,in order to avoid the possible environment and human health harm caused by the electrical waste, this product must follow recovery processing. Please contact the local recycling department after this product is scrapped, to make sure it can go as the right waste processing procedure.

1 Technical data

KNX Bus Supply	DC 21V~31V
AUX auxiliary power supply Supply current consumption	DC 12V~31V < 12mA <360mW
Program button	Push shell cover or Fresenel lens to distribute physical address and program
LED Display	LED
Detection range	High sensitivity area: 4~6m Low sensitivity area:6~10m
Detection angle	PIR:100°;
Adjustable sensitivity level	MW:160° 10 level
Installation height	PIR :2m~4m, recommend:2.7m MW:2m~10m;
Installation	Celling
environment light Measurement range	1 lux~60k lux -
Temperature measurement range	20℃~55℃, ±1.5℃
Operation temperature	-5℃~+45℃ -
Storage temperature	25℃~+55℃ -
Transport temperature	30℃~+70℃

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2 Overview

2.1 Application Area

According to the brightness, Presence Detector via human body motion to control load automatically.realizing a comfortable, save energy, security purpose of intelligent building,It can be applied in many occasion, such as Office, Meeting room, Rest room, corridor, warehouse,staircase.etc.

2.2 Overview Functions

SATION Presence Detector functions are as follows:

1.Brightness detection range: 1 lux ~ 60k lux
2.Day/Night function can be configured independently and also can switching externally
3.Support motion monitor function of 3 kinds of output data. Such as switching value, dimming value, scene value.
4.Operating mode: manual mode; Full-automatic mode; semi-automatic mode; support stand by mode when input dimming.
5.Support setting work load brightness threshold.
6.Support motion detector from 0-10 level sensitivity.
7.Support setting work load cycle and idle cycle.
8.Support master-slave function. Master have 3 kinds of output data.
9.Support brightness value output , the value can be send in circle mode at scheduled time.
10.Support the changing brightness value output to toggle to switching mode.
11.Support correct brightness value via external or internal.
12.Support constant level light function.
13.Support measured temperature value cycle send.