

Bio-presence Sensor Datasheet

Applicable Models:

Biological Presence Sensor (TLIOT-BIOMS)

International standard home and building control system

Product feacture

Illuminance sensing function.

Human presence/motion.

sensitivity of the sensing function can be adjusted.

Networking function with master-slave sensor control.

Lux sensing function by 3 types of data output, the values of which can be sent cyclically.

motion monitoring function by 3 types of data output, values can be sent cyclically.

with on/off indicator function.

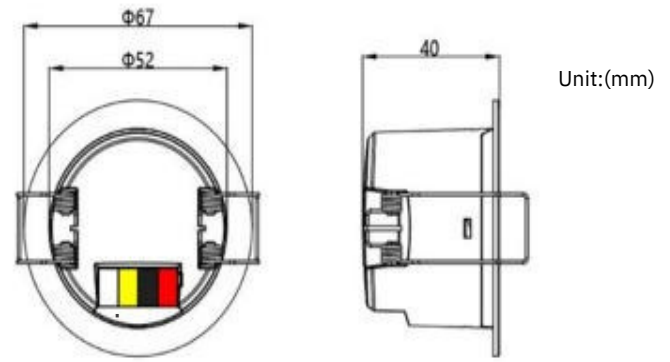
Valve (threshold)value (setting).

the function of prohibiting illuminance and movement

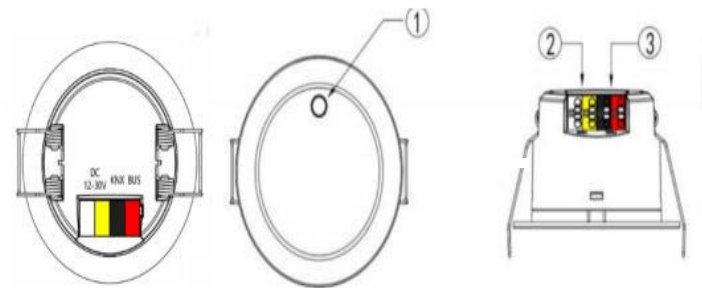
Technical parameters

Input Voltage	DC 12V~30Vdc
Operating current	< 50mA@24V DC
Operating power consumption	
Methods of Communication	pressthe mask
Transmit frequency	24-24.25GHz
Transmit power	15dBm (max)
Movement sensing distance	1.5-4m
Presence DetectionDistance	1-3m
Illuminance	0-65535LUX
Delay time	10-7200s
Installation	Ceiling /86 bottom box
Ambient light measurement range	1 lux~60k lux
Operating Temperature	-5°C~+45°C
Long-term storage temperature	-25°C~+55°C
Temperature during transportation	-30°C~+70°C

Dimension



Wiring Diagram



Instruction

① Illuminance sensor and programming integrated button:
LED light flashing green: indicates that the radar has detected a human being; The LED light keeps red, the device is in programming mode.

② 12-30V auxiliary power supply terminal

③ KNX bus connection terminals

Tips:

1. The installation and commissioning of equipment can only be operated by qualified skilled electricians. In the planning and implementation of electrical installations, the relevant standards, directives, rules and instructions must be strictly enforced;
2. It is necessary to avoid moisture, dirt and damage in the process of transportation, storage and use;
3. Do not let the device run outside the specified technical indicators (such as temperature range);
4. When the equipment is dirty, only use a dry cloth for cleaning. If this is not enough to clean, use a damp cloth dipped in a little soap solution to gently wipe without alkali or corrosive solvents.