



EKSELANS BY ITS

PIR-2

Wireless Pet-immune Motion Sensor

User manual



Features

The wireless pet-immune motion sensor is an accessory of smart alarm system. It accurately detects human body movement and effectively avoids false alarms caused by pets. Featured with automatic temperature compensation technology, it ensures high intelligence, sensitivity, and stability. It has modern and elegant appearance. With the technology like energy saving and low battery warning, it is easy to setup and use.

Parameters

Reference	PIR-2
Code	261024
Wortking voltage	DC 9V
Battery	2xAA (1,5V)
Working current	< 15mA
Standby current	< 25μA
Detective range	100°
Detective distance	12mx12m
Inmunity of pets	< 20Kgr
Transmission distance	Without obstacle 200m
Transmission frequency	433,92MHz
Working Temperature	-10°C ~ 50°C
Humidity	< 90% (non-condensing)
Dimension	99,6x54,9x40,2mm
Weight	66g (battery not included) 112g (battery included) 62.3g(bracket)

Appearance



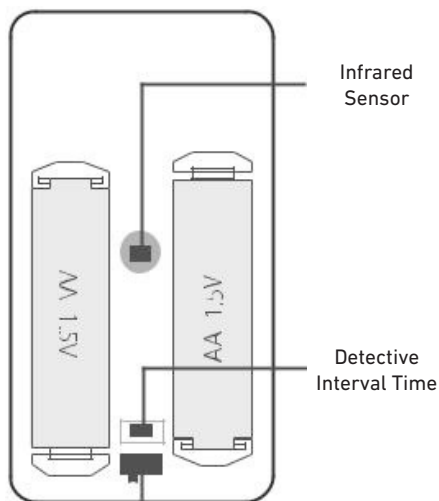
LED Indicator



Magnetic slice

Bracket

PCB layout



Infrared Sensor

Detective Interval Time

*Setting Switch
(every 5s. or 5min.)*

Operating Instructions

1. Working principle

with digital dual-core fuzzy logic operative programming and intelligent analysis, it accurately detects human body movement with infrared sensor and sends signal to main panel.

2. Pairing with main panel by App

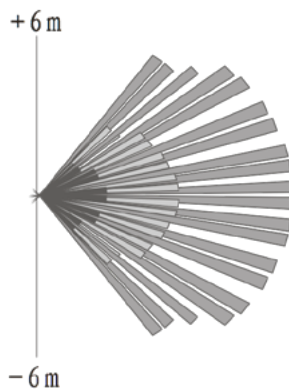
- Scan the QR code printed on the sensor.
- The pairing result would be confirmed in App.

3. Product testing

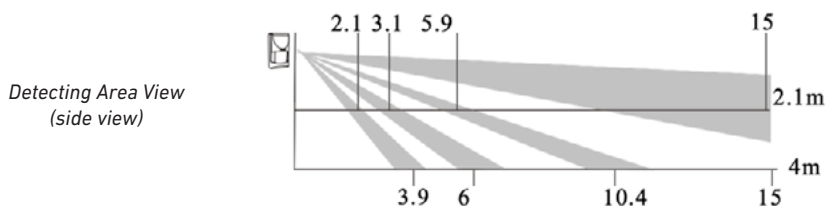
- Power on, LED indicator would flash for 1s.
- It takes about 30s for self-check.

Installation & Notice

- Open the case and remove the battery insulating strip.
- Pairing it with main panel by App before installing.
- Fix the bracket with screws on wall, connect the sensor to bracket, adjust a proper angle.
- Recommended to install at height of 1.8-2.4m from ground.
- Make sure there is no inducement for pet to pass by, like stair and etc.
- Avoid installing the sensors in area of our door, air-condition nearby, direct sunshine, heat source and under the rotating objects.
- Please install and use the sensor according to this manual, don't touch the surface of sensor for avoiding affecting the sensitivity of the sensor. Please shut off power and then clean the sensor by soft cloth with little alcohol if cleaning needed.
- In order to ensure normal work, the power should be kept to supply and get on walking test periodically, once a week is better.



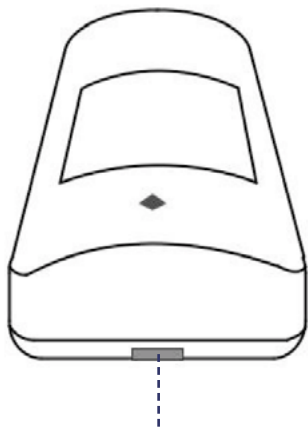
*Detecting Area View
(top view)*



*Detecting Area View
(side view)*

Battery Replacement Instructions

If the LED indicator stays on, please replace the battery.



1. *Press down the hook on sensor with thumb pushing on it to open the cover.*
2. *Replace with 2x AA battery.*



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