

# PIR Motion Detector



The SP201 PIR Motion Detector is a Passive Infra-Red (PIR) sensor to detect motion but at the same time is also immune to presence of pets in the home allowing your pet to move freely without causing false alarms. It can ignore the motion caused by animals weighing up to 27 kilograms.

The detector has a built in digital temperature & humidity sensor to measure environmental changes periodically for home automation applications.

Using its temperature sensor it is able to apply temperature compensation technology to overcome the shortcomings of PIR's sensitivity to temperature, ensuring consistent performance throughout all seasons.

## Main Features

- Wireless two-way communication
- Auto-pairing to the gateway
- Temperature/Humidity auto report
- Tamper Switch detection
- Battery powered and low battery indication
- Support Pet Immune function
- Temperature compensation technology

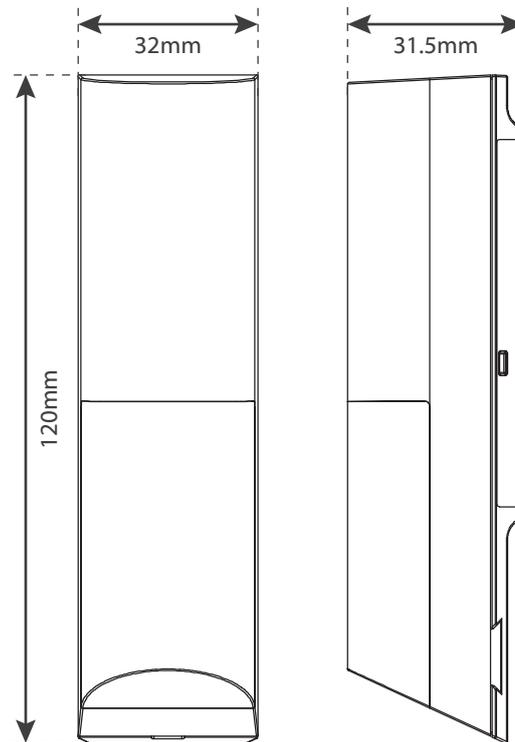


## Brief Product Specifications

Function	Motion Sensor with Pet Immune
RF protocol	U-Net 5.0
RF band	868MHz(EU) 923MHz(US)
RF range (open space)	Up to 1000m
PIR Detection Coverage	Up to 12m x 100°(at 1.8m mounting height & below 25°C)
Temperature sensor range	-10~40°C
Humidity sensor range	10~85% RH
Pet Immunity	Weight-Up to 27kg Height-Up to 100cm

Battery life	4 year
Battery type	AAA (1.5V) x 4
Operation temperature	-10 ~ 40°C
Operation humidity	85% RH max
Dimension (mm)	32(W) x 31.5(D) x 120(H)
Weight	83g

Note: The actual battery life may be different by product settings, usage patterns and operating environment



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