

Outdoor Dual-tech Motion Detector

The SP222 is a motion detector made specifically for outdoor use. Built using two sets of PIR sensors equipped with sunlight filter, coupled with digital type Microwave (MW) sensor, this combination of triple sensor greatly reduce false alarms normally triggered by the dynamic outdoor environment.

Using unique optics design, the detector can be mounted at either higher height or lower height; a rare feature amongst outdoor detectors. It can be mounted at either standard 2.4m height, or the lower 1.2m height, which gives better immunity against larger animals. Even the detection range can be adjusted in steps for each height.

Its digital microwave radar technology brings greater range accuracy and better sensitivity control over other typical microwave sensors. Its fast response time minimizes microwave operation period allowing the product to be fully powered by battery.

The detector operates best when using the VIAS platform, but it can also operate with other 3rd party wired alarm panels as a standalone detector.



Main Features

- IP55 outdoor rating for outdoors
- Dual PIR detector with sunlight filter
- Selectable 2.4m or 1.2m mounting height
- Pet immunity up to 27kg (2.4m high) or 45kg (1.2m high)
- PIR detection range adjustable using sliders
- PIR detection sensitivity adjustment
- PIR temperature compensation
- Anti-Mask detection
- 24 Ghz MW sensor
- MW range adjustment
- Convenient Walk Test for PIR, MW or combined
- Temperature and humidity sensor
- Wired alarm output
- Optional DC power



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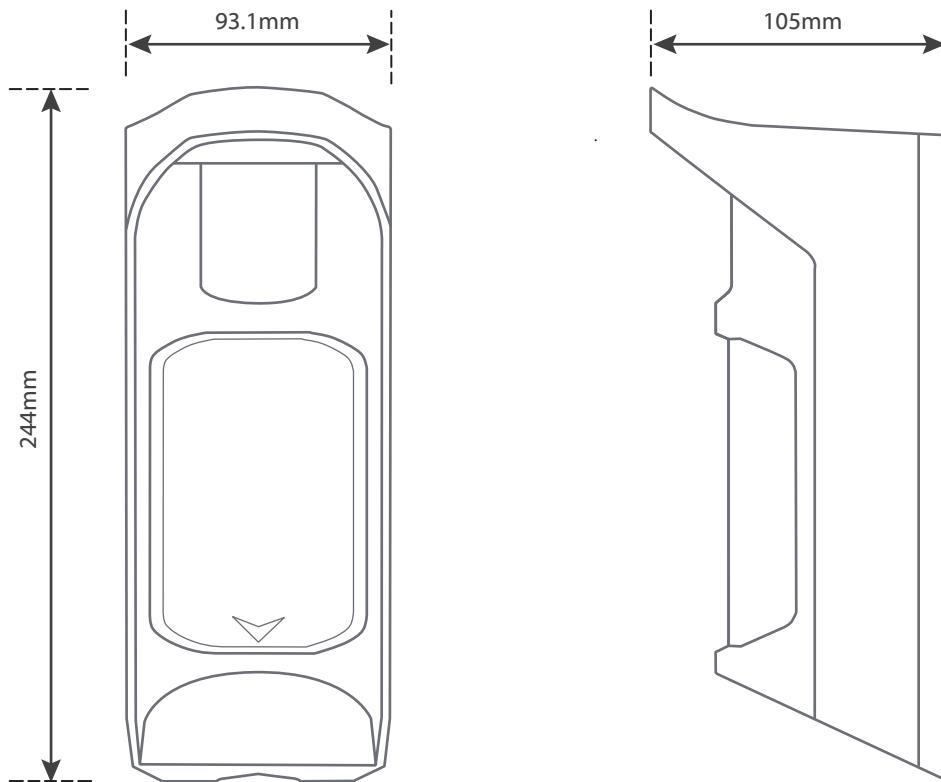
Brief Product Specifications

Function	Outdoor Dual-tech motion detector
RF protocol	U-Net 5.0
RF band	868MHz(EU), 923MHz(US)
RF range(open space)	>1 km
Microwave band	K band, 24.125G
Mounting height	High mount : 2.2m~ 2.5m Low mount : 1.0m ~ 1.2m
Detection range	Up to 15m x 110° (at 2.4m height & below 25°C)
Pet immunity	High mount: Weight-Up to 27 kg, Height- Up to 50 cm Low mount: Weight-Up to 45 kg, Height- Up to 80 cm

Power input	CR123A battery x 3 DC 9~12V, 1A
Battery life	Min 3 years
Operating temperature	-30°C~ 55°C
Operating humidity	Up to 95% RH
Dimension (mm)	93(W) x 105(D) x 244(H)
Weight	760g
IP rating	IP55

Note:

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



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