

Outdoor PIRCAM Motion Detector

The SV202 is a motion detector designed specifically for outdoor use. It incorporates dual PIR sensors with a sunlight filter and a high-resolution camera that captures images when events are triggered. With its unique optical design, the detector can be installed at either standard (2.4 m) or lower (1.2 m) mounting heights, a rare feature among outdoor detectors. The lower installation height offers enhanced immunity against large animals. Additionally, with its adjustable camera lens tilt, users can customize the vertical field of view by up to 10 degrees upward or 10 degrees downward to accommodate different installation scenarios.

When integrated with the VIAS system, the SV202 provides a preview mode that enables users to instantly receive images for rapid situational awareness. It supports multiple image resolution options and adjustable PIR sensitivity, offering the flexibility needed to suit a wide range of installation environments. Within the VIAS system, the SV202 can also operate as an on-demand camera, capturing images whenever required. With its IP55 weatherproof rating and anti-mask protection, the SV202 delivers dependable performance even in the most challenging outdoor conditions.



Main Features

- On-demand photo capture
- Image resolution adjustment
- Preview mode for quick snapshot
- IP55 outdoor rating for outdoors
- Dual PIR detector with sunlight filter
- Selectable mounting height of 2.4m or 1.2m
- 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
- Temperature and Humidity sensor
- Anti-Mask detection
- Wired alarm output
- Optional DC power

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Brief Product Specifications

Function	Outdoor PIRCAM motion detector
RF protocol	U-Net 5.0
RF band	868MHz(EU), 923MHz(US)
RF range(open space)	>1 km
CAM field of view	(H) 106° degrees
CAM tilt adjustment	Vertical ±10°
Image resolution	HD, VGA, QVGA
Image capture	JPEG, up to 5 images
Night illumination	White light LED
Mounting height	High mount : 2.2m~ 2.5m Low mount : 1.0m ~ 1.2m
Mounting Type	Wall, Ceiling(with bracket)

Rotatable angle (with bracket)	130° (left: 65°, right: 65°) 40° (up: 20°, down: 20°)
PIR detection range	Up to 15m x 100°(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	800g
IP rating	IP55

Note:

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

