RF430I4

Wireless Mini Outdoor PIR 433-63

Outdoor motion sensor - quad PIR

The Wireless Mini Outdoor PIR is an outdoor motion sensor and alarm trigger that uses two independent passive infrared detectors. Both sensors must trigger to cause the detector to signal an alarm. It uses quad pyro technology to deliver precise, reliable presence detection.

Easy and quick to install

The programmable option include a variable pulse count functionality. Moreover, the integral dual-axis tilt sensor allows 90º of pan and 45º of tilt, which increases the speed of the outdoor installation and provides incredibly accurate aiming of the detection pattern.

Aesthetics and hidden sensor module

The design has a neat appearance that gives no visible indication of the orientation of the detector head and totally hides the wiring. It blends smoothly into residential outdoor applications.



Details

- Attractive aesthetics
- 14 to 70º detection angle
- 90º pan & 45º tilt for flexible install
- Sensor module is hidden
- High dust and humidity resistance (IP65)
- 3 years battery life, extendable to 5 years

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Technical specifications

General

Technology	PIR
Application type	Wall mount
Anti masking	No
Pet immune	No
Camera	No
Pry-off tamper kit	On board
Fresnel lens	20 zones for each detection element, which can be masked with the curtain sliders
Pulse count	1 or 2
LED	Red: Walk test indicator
Mounting height	Variable up to 6 m / Optimum height 3 m for full range

Detection

Max. detection range	15 m
Coverage (field of view)	14° to 70° detection angle, 15 m x 13 m coverage max.
Vertical optical axis adjustment	45° tilt
Horizontal optical axis adjustment	90° pan
Undercrawl protection	No

Wired / wireless

Wired / wireless	Wireless
Wireless frequency	433 MHz legacy

Electrical

Operating voltage	2 x 3 V CR123
Current consumption	50 µA
Batteries	CR123
Battery lifetime	3 years

Physical

Physical dimensions	70 x 120 x 75 mm
Net weight	218 g
Shipping weight	351 g
Colour	Bronze
Material	High impact ABS plastic with HDPE cover, UV stabilized
Mounting height	3 to 6 m

Environmental

Operating temperature	-25 to +65°C
Environment	Outdoor
IP rating	IP65

Regulatory

Compliancy	CE

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