

TX-2821-03-4

Wireless Mini Outdoor PIR 868 AM Gen2

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

Programmable options include a variable pulse count and LED able/unable functionality. Moreover, the integral dual-axis tilt sensor allows 90° of pan and 45° 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

- New outdoor family containing wired PIR, 2 Dual Technology variants and wireless PIR
- Attractive aesthetics
- 14 to 70° detection angle
- 90° pan & 45° 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
Anti masking	No
Pet immune	No
Camera	No

Detection

Max. detection range	15 m
Coverage (field of view)	70°
Undercrawl protection	No

Wired/wireless

Wired-wireless	Wireless
Wireless frequency	868 MHz AM

Electrical

Power supply value	2 x CR123 2 x 3V CR123 (up to 3 years) / 3 x 3V CR123 (up to 5 years)
Current consumption	50 mA
Batteries	3 x CR123
Battery lifetime	5 years

Physical

Physical dimensions	70 x 120 x 75 mm (W x H x D)
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

Coverage

14° to 70° detection angle, 15 x 13 m

Adjustment

90° pan, 45° tilt

Fresnel lens

20 zones for each detection element, which can be masked with the curtain sliders

Customized optics

Double silicon shielded quad element eliminates 50,000 lux of white light

Current

50 µA

Pulse count

1 or 2

Temperature compensation

Analogue (thermistor) and digital sensitivity adjustment

Control

Digital microprocessor with nonvolatile memory

LED

Red : Walk test indicator

Mounting height

Variable up to 6 m / Optimum height 3 m for full range



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