6910P

Mini outdoor PIR

Outdoor motion sensor - quad PIR

The Mini Outdoor PIR 6910P 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 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 6910P 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 70º detection angle
- 90º pan & 45º tilt for flexible install
- Sensor module is hidden
- High dust and humidity resistance (IP65)
- 5 years warranty

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Technical specifications

General

Technology	PIR
Application type	Wall mount
Anti masking	No
Pet immune	No
Camera	No
LED	Red: Detector alarm

Detection

Max. detection range	15 m
Detection range	14° to 70° detection angle, 15 x 13 m
No. of curtains	20
Coverage (field of view)	70°
Vertical optical axis adjustment	45° tilt
Horizontal optical axis adjustment	90° pan
Undercrawl protection	No
Control	Digital microprocessor with nonvolatile memory
Temperature compensation	Analogue (thermistor) and digital sensitivity adjustment
Pulse count	1 or 2

Wired / wireless

Wired / wireless	Wired

Inputs / outputs

Alarm relay characteristic	NC, volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Outputs	Silent, solid state, magnetically immune

Electrical

Power supply value	9 to 15 VDC
Current consumption	5.5 mA (12 V nominal)

Physical

Physical dimensions	70 x 120 x 75 mm (W x H x D)
Net weight	221 g
Shipping weight	321 g
Colour	Bronze
Material	High impact ABS plastic with HDPE cover, UV stabilized
Mounting height	3 to 6 m
Mounting height	Variable up to 6 m / Optimum height 3 m for full range

Environmental

Operating temperature	-30 to +65°C
Environment	Outdoor
IP rating	IP65

Optics

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

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