

6920P

Mini Outdoor Motion Sensor using Dual Technology (10.525 GHz)

Dual Technology outdoor motion sensor

The Mini Dual variants are outdoor motion sensors and alarm triggers that use two independent passive infrared detectors plus a microwave sensor module. All three sensors must trigger to cause the detector to signal an alarm. They use triple detection technology to deliver precise, reliable presence detection.

Easy and quick to install

Programmable options include a variable pulse count and LED able/disable 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 installation
- Sensor module is hidden
- High dust and humidity resistance (IP65)
- 5 years warranty

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Technical specifications

General

Technology	Dual
Anti masking	No
Pet immune	No
Camera	No

Detection

Max. detection range	15 m
Coverage (field of view)	70°
Undercrawl protection	No
No. of curtains	21
Microwave frequency (nom.)	10.525 GHz

Wired/wireless

Wired-wireless	Wired
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Inputs/outputs

Alarm relay characteristic	NC, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
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Electrical

Power supply value	10 to 15 VDC
Current consumption	8 mA (12 V nominal)

Physical

Physical dimensions	71 x 120 x 75 mm (W x H x D)
Net weight	225 g
Shipping weight	325 g
Colour	Bronze
Material	High impact ABS plastic with HDPE cover, UV stabilized
Mounting height	3 to 6 m

Environmental

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

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

Microwave module

X-band radar 10.525 GHz (Albania, Argentina, Australia, Belgium, Brazil, Denmark, Holland, Hungary, Iceland, Indonesia, Latvia, Lithuania, Malta, Norway, Portugal, Russia, South Africa, Spain, Taiwan, Ukraine, USA)
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Customized optics

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

Outputs

Silent, solid state, magnetically immune. PIR AND Microwave

Pulse count

1 or 2

Temperature compensation

Analogue (thermistor) and digital sensitivity adjustment
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Control

Digital microprocessor with nonvolatile memory
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LED

Orange : Microwave Activated
Red : PIR activated
Orange & Red : Detector Alarm

Mounting height

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