W76556

PQ15/1900 PIR Motion Sensor

Performance Line- PIR Technology

The Performance Line is the line of legacy Guardall motion sensors (PQ15 and DT15 series) and both series are intended for the protection of residential and commercial premises.
The Guardall PQ15 design features make installation fast and straightforward. Four detection modes (including pulse count)are available to suit most environments, and are DIL switch selectable for simplicity. The Quad sensor provides premium catch performance. With adjustment free optics, a high performance varifocal lens and sneak mirror all combine to provide exceptional detection and superior close in protection.
A micro-controller with enhanced intelligent processing algorithms helps reduce false alarms caused by thermal variations and noise spikes.



Details

- 15m/10m volumetric PIR detector
- Enhanced PIR processing
- Quad detector
- Adjustment-free optics
- Redesigned housing shared across platform range
- Varifocal lens design

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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

Detection

Max. detection range	15 m
Vertical optical axis adjustment	none required
Horizontal optical axis adjustment	±5° corner mounted
Undercrawl protection	No
Alarm time	3 s
Peak-to-peak ripple immunity	2 V peak-to-peak @ 12 VDC

Wired/wireless

Wired-wireless	Wired

Inputs/outputs

Alarm relay characteristic	Normally closed (NC), voltage free, solid state relay rated at 30 VDC, 50 mA with a max. 26 ohm ON resistance. (output)
Tamper relay characteristic	Normally closed (NC), voltage free, switch contacts rated at 24 VDC, 50 mA (output)

Electrical

Power supply value	9 to 16 VDC (12V nominal)
Current consumption	9 mA at 12 V (quiescent, no alarm) 11 mA at 12 V (Max. All LEDs on)

Physical

Physical dimensions	110 x 66 x 42 mm (H x W x D)
Shipping weight	110 g
Colour	White

Environmental

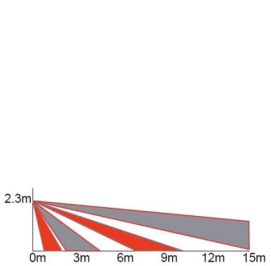
Operating temperature	-10 to +55°C (14 to 130°F)
Relative humidity	0 to 95% noncondensing
Environment	Indoor

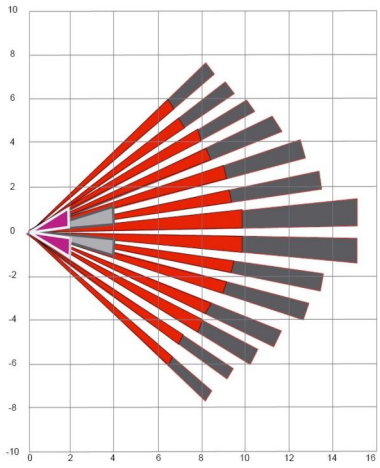
Regulatory

Compliancy	CE

Power Supply

Temperature Range	-10°C to +55°C (14°F to 130°F)
PIR coverage adjustment	Vertically: none required
	Horizontally: ±5° corner mounted
Walk test LED	RED - Unit alarm
Remote LED enable	Control of LED indication using Test line
Test Input	Low or open circuit for LED disable, detector supply to activate.





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