6540PI
12 m, 40 FT, PIR, Pet-Immune (PI)

DesignLine Series-PIR Technology

The DesignLine series is a range of motion sensor using a PIR element and digital signal processing.

This series is suitable for residential and light commercial environments.

The DesignLine series builds customer value by meeting customers' security needs while respecting budget constraints. This range is quick to install and comes with a stylish housing.

It provides detection for a variety of ranges, including up to 360 degrees of coverage for ceiling mount applications. It even has a variant with smart pet immunity up to 35 kg, making this series all the more attractive.

These motion sensors deliver easy solutions for installers - being equipped with a standard EOL resistor and providing flexibility in installing height and are the ideal security solution for residential and light commercial applications.

Accessories

A wall and ceiling mount bracket (6545-BP) is available providing ease-of-use to the installer and flexibility to aim the detector where required.

Details

- Passive Infra Red motion sensor
- Pet immunity up to 35 kg
- Digital signal processing
- Unique stylish design
- Quick to install
- Built-in EOL resistor of 3k3 Ohm
- EN50131 Grade 2
- Holds several European security approvals

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Technical specifications

General

Technology	PIR
Application type	Wall mount
Anti masking	No
Pet immune	Yes
Camera	No

Detection

Max. detection range	12 m
Undercrawl protection	No
Target speed range	0.3 to 3.0 m/s
Optics	Holographic - Fresnel lens
Pet Immunity	Pulse count 1 : up to 20 kg / Pulse count 2 : up to 35 kg

Wired / wireless

Wired-wireless	Wired

Inputs / outputs

Alarm relay characteristic	NC, 50 mA, <24 VDC
Tamper relay characteristic	NC, 50 mA, <24 VDC
Relay configuration	3k3 EOL

Electrical

Operating voltage	9 to 15 VDC
Current consumption	8.7 mA

Physical

Physical dimensions	123 x 66 x 42 mm
Net weight	94 g
Colour	White
Mounting height	1.5 to 3.1 m

Environmental

Operating temperature	-10 to 55°C
Relative humidity	max. 95%
Environment	Indoor

Regulatory

EN50131 grade	Grade 2