

## Product Data Sheet

# 6540PI

## 12m/40ft volumetric PIR motion sensor Pet Immunity

### DesignLine Series

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The DesignLine series is a brand new range of volumetric 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 35kg, making this series all the more attractive. In launching our new range of Fresnel PIR motion sensors, we have listened and are responding to end users' needs. 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

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



### Standard Features

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- Passive Infra Red volumetric motion sensor
- Pet immunity up to 35kg/77lbs
- Digital signal processing
- Unique stylish design
- Quick to install
- Built-in EOL resistor of 3k3 Ohm
- UL/CUL and EN50131-2-2
- Holds several European security approvals

# 6540PI

## 12m/40ft volumetric PIR motion sensor Pet Immunity

### Specifications

Detection range	12 m
Optics	Holographic - Fresnel lens
Pet Immunity	Pulse count 1 : up to 20kg/44lbs Pulse count 2 : up to 35kg/77lbs
Mounting height	1.5 to 2.3 m / 4.1 to 7.5 ft.
Power supply	9 to 15 VDC
Current consumption (nom.)	8.7 mA
Alarm relay	<24 VDC, 50mA, NC
Tamper relay	<24 VDC, 50mA, NC
Target speed range	30cm/s to 3m/s / 1ft/s to 10ft/s
Dimensions (W x H x D)	123 x 66 x 42 mm
Weight	94g
Ambient conditions	-10 to +55°C / 14°F to 130°F
Relative humidity	max. 95%
EN50131-2-2	Grade 2
UL/CUL variant	available

### Ordering Information

Part No.	Description
6540PI	12m/40ft volumetric PIR motion sensor Pet Immunity
6545-BP	Swivel-mount bracket for 65XX series (10-pack)