

6540

12 m, 40FT, PIR

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.

The Fresnel lens of the 6540 can be taken out and replaced by a curtain lens (6545-CL) or a long-range lens (6545-LR).



Details

- Passive Infra Red motion sensor
- 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 | No |
| Camera | No |

Detection

| | |
|-----------------------|----------------|
| Max. detection range | 12 m |
| Undercrawl protection | No |
| Target speed range | 0.3 to 3.0 m/s |
| Optics | Fresnel lens |

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 |
|---------------|---------|



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