

DATASHEET

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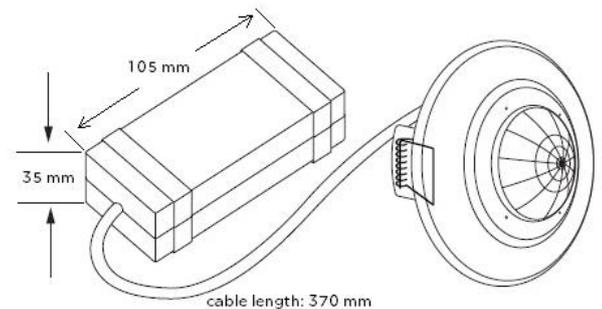
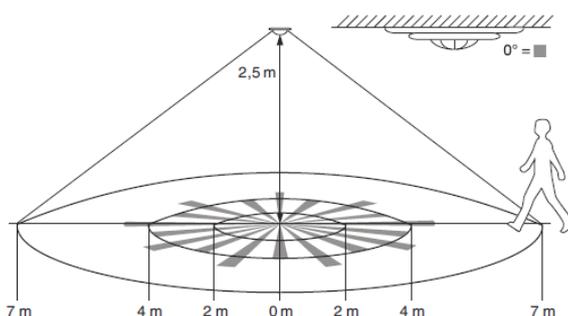
INFRASCAN Passive Infrared Motion Sensor, Dual Load, Flush Ceiling Mount Gimbal

Application

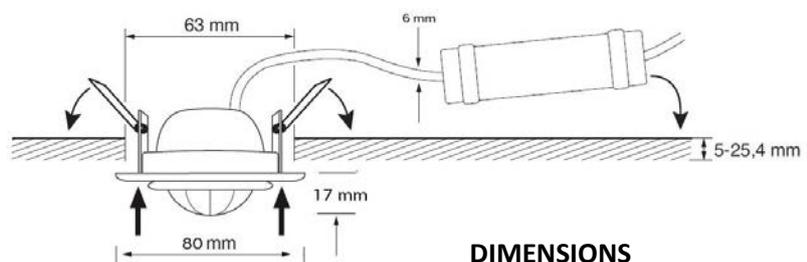
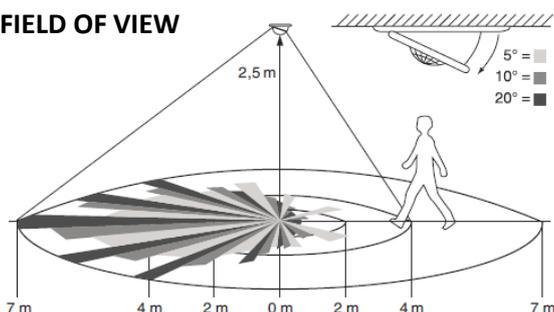
The dual load 360 degree Infrascan PIR Sensor detects moving heat sources in its detection range and is suitable for residential and small commercial applications. At each detection, the sensor can switch two loads. For each output channel an adjustable period of time can be set. Channel 1 switches, in the case of a movement detection, only if the ambient light level is below the adjustable brightness threshold. The movement detection for Channel 2 is carried out brightness independent. The indoor motion sensor detector is very low profile and has 360 degree monitoring. Ideal for homes, toilets, walk in robes, pantries and small offices.

Features

- Small, attractive flush sensor with unobtrusive design
- Movement detection via passive infra-red technology
- 2 outputs (e.g. 1 x light and 1 x HVAC)
- Sensing range of 3.5m Radius, up to 7m if tilted.
- Quick and easy settings for lux level and time on both outputs.
- Consists of sensor and power box to allow for low ceiling spaces.
- Gimbed head for range adjustment and easy access to trimpots
- Includes PIR lens mask to shield zones if needed.



FIELD OF VIEW



DIMENSIONS

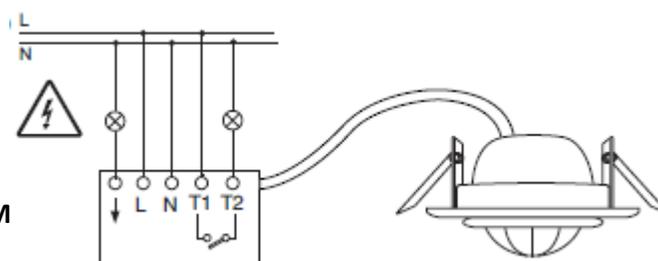
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Specifications

Mains voltage:	AC 220–240 V, 50/60 Hz
Nominal power:	<p>Output 1: (Switched Active) LED lamps: 100 W Incandescent lamps 240V a.c.: 1000 W Halogen lamps 240V a.c.: 900 W Halogen with LV electronic transformer: 250 VA Halogen with LV iron core transformer: 500 VA Fluorescent tubes: 200 VA current): 21 μF Capacitive load (10 A test current): 14 μF Compact fluorescent lamps: 100 W</p> <p>Output 2: (Voltage Free) Relay switching capacity: AC 250 V, 5 A $\cos\phi = 1$ Motor: 100 W</p>
Upstream fuse	10 A
Power consumption	< 2 W
Detection type:	PIR (Passive Infra-red) movement detection
Angle of detection:	360°
Range:	Radius of max. 3.5 m (at 25°C and 2.5 mounting height)
Light sensor (sensitivity):	5–1000 Lux (for activation of Output/Channel 1 only)
Time setting:	<p>Time 1 (Output 1):</p> <ul style="list-style-type: none"> - From approx. 30 s to approx. 30 min - Pulse: 1s ON, 9s OFF - Test: 3s ON. <p>Time 2 (Output 2):</p> <ul style="list-style-type: none"> - From approx. 10 s to approx. 15 min
Connection:	3-wire, neutral conductor required
Terminal identification	Active : L Neutral : N Output 1/Channel 1 (sw Active) : ↓ Output 2/Channel 2 (Voltage Free) : T1 & T2
IP protection rating:	IP20
Operating Temperature:	0 - 45°C
Compliance:	RCM and CE - Low voltage directive 2006/95EC and EMC directive 2004/108/EC
Colours	White
Dimensions (LxWxH):	Sensor: 100x81x45mm Separate power box: 106x57x34 mm

WIRING DIAGRAM



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