

DATASHEET

752IR2RC

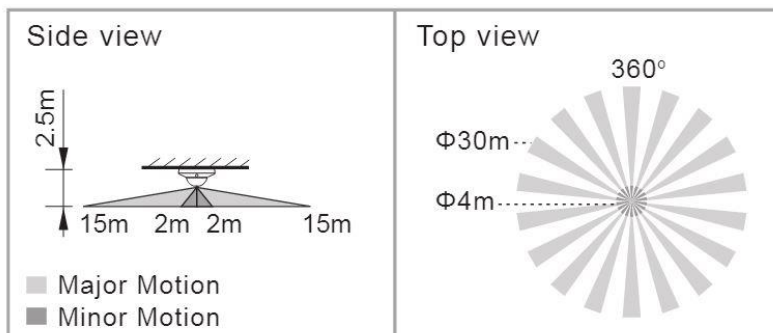
PIR Sensor, 360deg, 15m, Dual channel, Remote Control option

Application

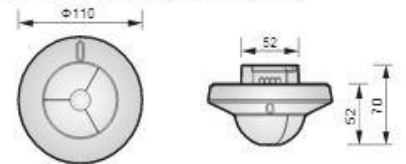
The 752IR2RC is a wide range ceiling mounted Motion sensor with dual output for lighting and HVAC control in commercial and residential applications. It provides high sensitivity over a wide range with minor and major motion zones. The sensor detects moving people via Passive Infrared detection technology within an area of \varnothing 30m and switches connected loads for an adjustable time period on each output. Ideal for use in large open areas, lobbies, corridors, offices, libraries, conference rooms and reception areas.

Features

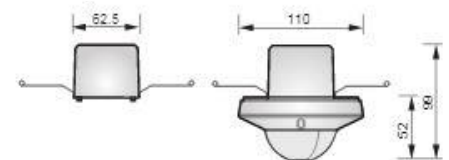
- Occupancy and Motion detection via passive infra-red technology
- Switching of two outputs (e.g. light and HVAC)
- External triggering via push-button
- Optional IR Remote for configuration and control
- Brightness-dependent staircase lighting function
- Suitable for flush or surface mounting (both bases included)
- Lens Mask included to shield zones if required.



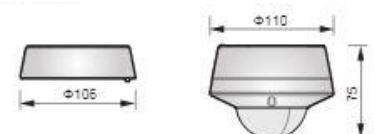
Sensor: \varnothing 110 x 70mm



Sensor with flush-mount enclosure



Sensor with surface-mount enclosure



Product Dimensions

752RC/IR

REMOTE CONTROL FOR 752IR2RC

IR Remote control for activating and configuring the PIR Sensor

- **Range:** up to 10 metres
- Configure Timer and lux settings, lock/unlock and turn on/off the outputs.
- Can learn ambient lux levels, and has memo button to save and recall timer settings to aid in configuring multiple devices.



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Specifications

Mains voltage:	AC 220-240V, 50/60 Hz
Max Switching power:	Output 1: (Switched Active) LED lamps: 100 W Incandescent lamps 240V a.c.: 2000 W Halogen lamps 240 V a.c.: 1000 W Halogen with LV electronic transformer: 1000 VA Halogen with LV iron core transformer: 1000 VA Fluorescent tubes: 900 VA, 100 μ F Compact fluorescent lamps: 100 W Output 2: (Voltage Free) Relay switching capacity: AC 250 V, 5 A $\cos\phi = 1$ Motor: 100 W
Upstream fuse	10 A
Power consumption	< 2 W
Detection Type:	PIR (Passive Infra-red)
Angle of detection:	360°
Range:	Radius of max. 15 m (at 25°C and 2.5 m mounting height)
Light sensor (sensitivity):	10–2000 Lux
Time setting:	Time 1: from approx. 10 s to approx. 30 min Time 2: from approx. 10 s to approx. 60 min
Switching modes:	Automatic and manually override via switched active into R/S terminal.
Connection:	3-wire, neutral conductor required
Terminal size:	Power Load I (N,N,L, \uparrow): 4-pin, Max 1 x 2.5mm ² Load II (D1, D2): 2-pin, max, 1 x 1.5mm ² Push button or Slave (R/S, R/S): 2-pin, max 1 x 1.5mm ²
IP protection rating:	IP40 (flush mount) or IP42 (Surface mount)
Operating Temperature:	-20 to +45°C
Flush mount cut out size:	65mm
Compliance:	RCM and CE - Low voltage directive 2006/95EC and EMC directive 2004/108/EC
Dimensions (LxWxH):	110x110x52 mm (flush mounted) 110x110x75 mm (surface mounted)

Models

Model Number	Description
752IR2RC	PIR Sensor, 360deg, wide range 15m, Dual channel output
752RC/IR	IR remote Control for use with the 752IR2RC sensor

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