The affordable sensor that has every angle covered.

Dual-Tech Occupancy Sensor

752 Series

Flexible design for every application

Introducing the sensors that have every angle covered. The innovative Clipsal 752 Dual-Tech Occupancy Sensors feature both ultrasonic and passive infrared (PIR) sensing technology, up to 600W LED load rating, the choice of either flush-mounting or surface-mounting, and an optional remote control to make set-up and configuration faster and easier.

The 752 Dual-Tech Occupancy Sensors are available in two versions, making them suitable for a wide range of commercial indoor applications.

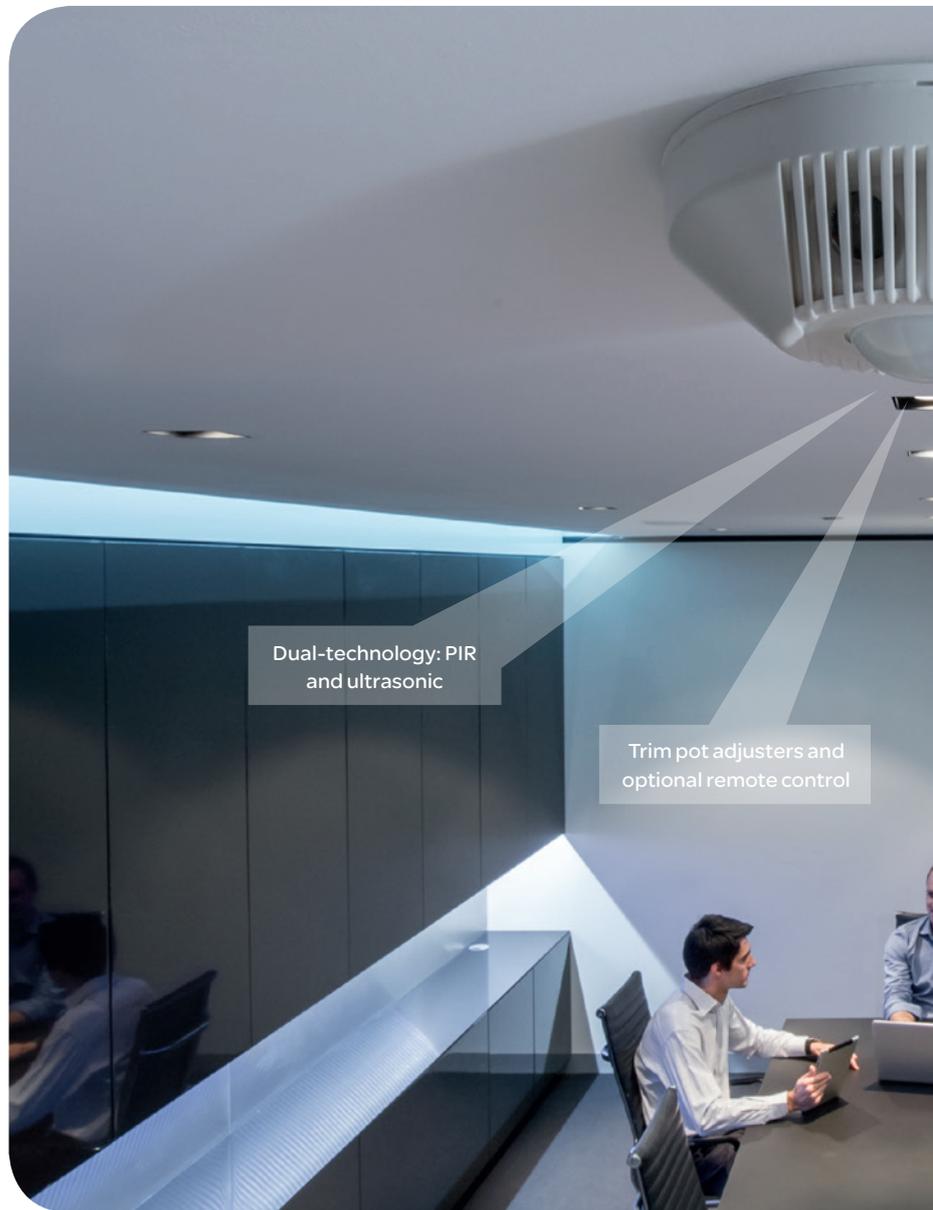## Dual-Technology For Best-In-Class Accuracy

The 752/CD sensors use a combination of both PIR and ultrasonic technology to provide full coverage by sensing minor and major movements, while also screening out nuisance or false triggering.

Available in one- or two-channel versions, the one-channel version (752/CD1RC) is ideal for lighting control applications or HVAC, while the two-channel version (752/CD2RC) is ideal for simultaneous lighting and HVAC control from a single occupancy sensor.

Significant Energy Savings

Clipsal 752 Dual-Tech Occupancy Sensors are tested and approved to an LED load rating of up to 600W.

They allow lighting to only be activated when presence is detected, helping to substantially reduce energy consumption and assist you in achieving a 6-Star Energy Rating. When coupled with LED lighting, even greater savings can be made.

Dual-technology: PIR and ultrasonic

Trim pot adjusters and optional remote control

Remote control
(optional)

Dual-technology:
PIR and ultrasonic

Detection range
16m x 10m

LED load rating
up to 600W

Superior accuracy and zero misses

- Dual-technology (ultrasonic and passive infrared) occupancy detection.
- Select PIR only, US only, PIR or US, or PIR and US.
- Adjustable detection range of up to 16m x 10m (ultrasonic).
- 360° field of view with 4m radius (PIR).

Flexible and versatile application

- 600W maximum LED load rating
- Flush-mount or surface-mount (two mounting bases included)
- PIR zone mask included
- Adjustable timer, sensitivity and lux level setting
- Manual Override option

Easy installation and configuration

- Remote control option.
- Trim pot adjustment for all settings, including sensitivity.
- Stylish white design discreetly blends with surroundings.

Surface-mount
(base included)

Flush-mount
(base included)

Technical specifications

Description	752/CD1RC	752/CD2RC	
Sensor with	1 output	2 independent outputs	
Optional remote control (752RC/D)	Yes	Yes	
Detection range: passive infrared	360°, adjustable up to Φ8m	360°, adjustable up to Φ8m	
Detection range: ultrasonic	Adjustable up to 10m x 6m (oval shape)	Adjustable up to 10m x 16m (oval shape)	
Rated voltage	240V~ ±10% 50/60Hz	240V~ ±10% 50/60Hz	
Load rating	1 output (with jump wire)	Output 1	Output 2
LED (externally ballasted)	300W	600W	NA
CFL	80VA	800VA	NA
Fluorescent	900VA/100µF	1200VA/140µF	NA
Incandescent	2000W	2300W	NA
AC halogen	1000W	1200W	NA
LV halogen	1000VA	1200VA	NA
HVAC	After removal of jumper wire max. 10A for < 250V AC (cos φ =1), max. 5A for < 30V DC	NA	Potential free contact 5A for < 250V AC (cos φ =1), 5A for < 30V DC
Timer	5 sec. - 30 min.	5 sec. - 30 min.	10 sec. - 60 min.
Lux level	10 lux to ∞	10 lux to ∞	NA
Air current compensation function	ACC on or ACC off	ACC on or ACC off	
Sensor technology	PIR + US, PIR only, US only, PIR or US	PIR + US, PIR only, US only, PIR or US	
Environmental protection	Class II, IP20	Class II, IP20	
Operating temperature	0°C to 45°C	0°C to 45°C	

Warranty

The 752/CD1RC and 752/CD2RC carry a two-year warranty against manufacturing defects.
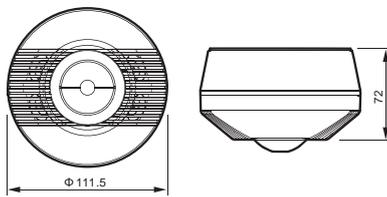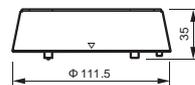
Dimensions

FIG. 1
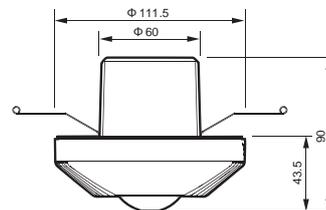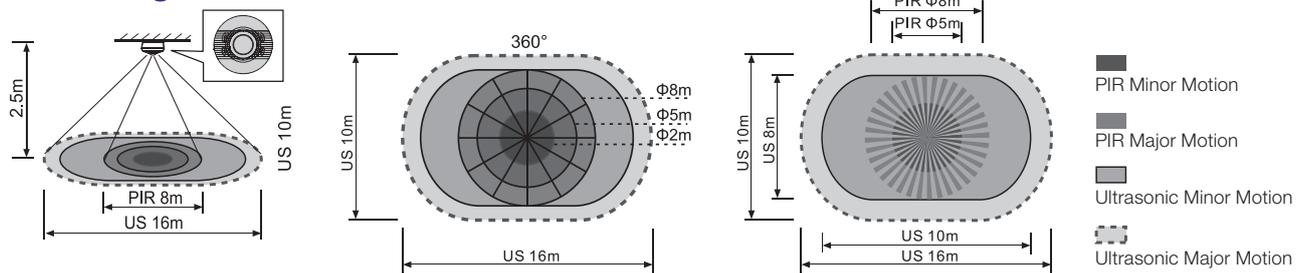
FIG. 2
Junction Box: Φ 111.5mm x 35mm

FIG. 3
Sensor Unit: Φ 111.5mm x 90mm

Detection Range

PIR Minor Motion

PIR Major Motion

Ultrasonic Minor Motion

Ultrasonic Major Motion

For more information about the Clipsal 752 Dual-Tech Occupancy Sensors, contact your local Clipsal and Schneider Electric Partner Business Representative, electrical wholesaler or visit clipsal.com

SEAU111350