



SURFACE / RECESSED OCCUPANCY DETECTORS

The Hispec range of occupancy detectors are an excellent way for the end user to not only save energy, but also save a considerable amount on electricity bills.

Each model has been designed so that they can be easily installed and adjusted. The recessed model is installed in a similar way to installing a Hispec downlight, just hold back the integral retaining spring clips and offer the detector through a pre-cut hole of 65mm in the ceiling. The surface model is supplied with a first fix back plate. The detector is offered to the plate and with a quarter turn of the detector, is firmly in place. For larger situations the multiple detectors can be wired in parallel.

The only decision to make is which model to choose, surface mounted or recessed. This will be decided by the preference of the end user or specific site conditions.



HSODR SURFACE / RECESSED OCCUPANCY DETECTORS

FEATURES & BENEFITS

- Simple installation utilising spring clips
- Adjust lux and timings without de-installing
- Detects day and night time automatically
- Detects 360° (Front View) / Detects 120° (Side View)
- IP44

TECHNICAL INFORMATION

- Load Max: 500w (LED)
- Power Consumption: 0.5w
- Operating Temperature: -20° - +40°
- Timing from 10 seconds to 15 minutes
- Cut Out Size: 65mm
- Height at Rear: 50mm / Total Height : 75mm



HSODS SURFACE / RECESSED OCCUPANCY DETECTORS

FEATURES & BENEFITS

- Easy installation using a first fix base
- Adjust lux and timings without de-installing
- Detects day and night time automatically
- Detects 360° (Front View) / Detects 120° (Side View)
- IP20

TECHNICAL INFORMATION

- Load Max: 500w (LED)
- Power Consumption: 0.5w
- Operating Temperature: -20° - +40°
- Timing from 10 seconds to 6 minutes
- Diameter 90mm / Height 28mm



PIR MOTION SENSOR



Passive Infrared (PIR) sensors are primarily used to switch floodlights to give home or business owners comfort and advance warning of potential intruders or trespassers.

This PIR sensor features a moveable head for optimal positioning and a built-in LUX function which detects daylight and darkness: set the LUX at your desired level and be secure in the knowledge that you can modify the sensor for maximum security on both lighter summer evenings and dark winter afternoons.

For added coverage this sensor will protect 270 degrees and is supplied with a corner bracket as well as a wall bracket to give the installer the greatest flexibility during installation.

TECHNICAL INFORMATION

- 270° Cover
- Load Max: 300w (LED)
- Up to 11 Metre Detection
- Time Setting: 10 seconds to 8 minutes
- Light Control: 3 LUX to Daylight
- IP44



MICROWAVE SENSOR



The Hispec microwave sensor is an active motion detector, it emits a high-frequency electro-magnetic wave (5.8 GHz) and receives their echo. The sensor detects the change in echo from even the slightest movement in its detection zone, which in turn triggers the 'switch light on' command.

This type of sensor is ideal for use with our LED 15w fittings and our LED weatherproof products.

Detection is possible through doors, panes of glass or thin walls.

TECHNICAL INFORMATION

- Power Frequency: 50/60Hz
- Transmission Power: <10mW
- Load Max: 300w (LED)
- Detection Angle: 360°
- Coverage: 1 - 8m (Adjustable Radius)
- Time Settin: 8 seconds to 12 minutes (Adjustable)
- Light Control: 20 - 2000 LUX (Adjustable)
- Power Consumption: 0.9w

