

MICRODETECT

Microdetect is a newer and more advanced Occupancy Sensor than the PIR. It works by emitting high-frequency electromagnetic waves and then receives their echo. The sensor detects the change in echo from the slightest movement in the detection zone which commands a microprocessor to switch the light on.

MV-01



The MV-01 Microwave detector has been designed to be built into luminaires to provide on/off switching control.

- Detection Field:** Ceiling Mounted: 4m Radius at 5m mounting height.
- Wall Mounted:** 5m Radius at 5m mounting height
- Switching Power Max.** 400W (capacitive); Max. 800W (resistive)
- Hold Time:** 5s/30s/180s/300s/15min/25min, can be customised
- Detection Area:** 10/30/50/75/100%, can be customised
- Detection Angle:** 30 – 150 Degrees
- IP Rating:** IP20

MV-01-IP



The MV-01- IP Microwave detector is a standalone version of the MV-01 and is used for applications where a sealed detector is required. It is supplied within a circular housing which is suitable for direct mounting to a solid surface and has BESA box fixings for conduit applications.

- Detection Field:** Ceiling Mounted: 4m Radius at 5m mounting height.
- Switching Power Max:** 400W (capacitive); Max. 800W (resistive)
- Hold Time:** 5s/30s/180s/300s/15min/25min, can be customised
- Detection Area:** 10/30/50/75/100%, can be customised
- Detection Angle:** 30 – 150 Degrees
- IP Rating:** IP65

