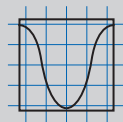


## CD-MV16

RECESSED (FLUSH) - MOUNT  
MICROWAVE OCCUPANCY SENSOR
**COSINE DEVELOPMENTS**  
LEADERS IN LIGHTING TECHNOLOGY


## OVERVIEW:

- > Detection radius of up to 10m
- > Load capacity of up to 1200W
- > DIP selection for rapid and easy setup
- > 30 minutes maximum time delay setting
- > Microwave sensor can be seen through boundaries etc.
- > 2 year warranty

## PRODUCT DESCRIPTION:

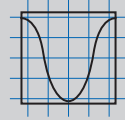
The CD-MV16 is an active microwave motion detector. It emits a high frequency electro-magnetic wave of 5.8GHz and receives the Doppler echo. The sensor detects the change in the Doppler echo even from the slightest movement in the detection zone. There are no blind spots. Detection is possible through doors, panes of glass and thin walls and soft furnishings. A built-in light sensor facilitates daylight harvesting.

## 3 adjustments are provided:

- > Sense range
- > Daylight harvesting lux adjustment
- > Delay time

## SPECIFICATIONS

<b>Daylight Harvesting</b>	10 to 500 lux
<b>Detection Angle</b>	360°
<b>Detection Range</b>	2 to 10 metres
<b>Dimensions</b>	Cut Out: 65mm Rim: 97mm
<b>HF System</b>	5.8GHz CW Radar - ISM Band
<b>Installation Height</b>	Up to 2.5m
<b>Power Consumption</b>	0.9W
<b>Power Frequency</b>	50 - 60Hz
<b>Power Source</b>	220 - 240Vac
<b>Rated Load</b>	1200W
<b>Time Delay</b>	10 seconds - 30 minutes
<b>Transmission Power</b>	<10mW

**CD-MV16** (CONTINUED)**RECESSED (FLUSH) - MOUNT  
MICROWAVE OCCUPANCY SENSOR****COSINE DEVELOPMENTS**  
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- > Detection radius of up to 10m
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**INSTALLATION GUIDE**

**Please take note of important points below which could cause false on/off triggering:**

- > Install sensors within their mounting height rating. This will ensure that the sensor functions at its full potential.
- > Can sense through glass, dry walls so can be prone to false triggering by detecting occupants in an adjacent room or corridor. Positioning and detection range setup must be taken into consideration.
- > The microwave sensor cannot sense through metal. Ensure there is no metal obstructions between sensor and detection zone.
- > High levels of vibration can cause false triggering, avoid positioning sensor close to heavy duty motors (lift motors, aircon duct system or heavy-duty fans) that may cause the ceiling to vibrate.