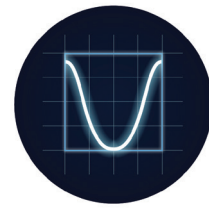


OCCUPANCY SENSOR:

CD-MV360S

MICROWAVE OCCUPANCY SENSOR



COSINE DEVELOPMENTS
LEADERS IN EMERGENCY LIGHTING

DESCRIPTION

The CD-MV360S 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.

The unit is designed to fit into the luminaries or behind ceiling boards. 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 day/night lux level sensing.



TECHNICAL DATA

DAY LIGHT LUX SENSING CONTROL	30 lux minimum setting To daylight maximum setting
DETECTION ANGLE	360°
DETECTION RANGE	1 - 16 meters
DIMENSIONS	70 x 41 x 40mm
HF SYSTEM	5.8GHz CW radar - ISM band
INSTALLATION HEIGHT	Up to 3.5 meters high
POWER CONSUMPTION	0.9W
POWER FREQUENCY	50 - 60 Hz
POWER SOURCE	220 - 240Vac
RATED LOAD	Fluorescent/ LED: 300W Resistive: 600W
TIME DELAY	8 seconds to 30 minutes
WEIGHT	67g
IP RATING	IP20

FEATURES

- > Load capacity of 600W
- > Detection radius of up to 8m
- > 30 minutes maximum time setting
- > Can detect through boundaries
- > 2 year warranty

3 adjustments are provided:

- > Sense range
- > Day/night lux level sensing
- > Delay time

INSTALLATION GUIDE

Install the occupancy sensor within the mounting height rating to ensure full function potential. The CD-MV360S can sense through boundaries such as glass and drywalls 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 that there are no metal obstructions between the sensor and the detection zone. High levels of vibration may cause false triggering. Avoid placing sensors close to heavy duty motors (lift motors, aircon duct systems or heavy-duty fans) that may cause the ceiling to vibrate.