

NEX Microwave Motion Sensor

MVS-500



Feature

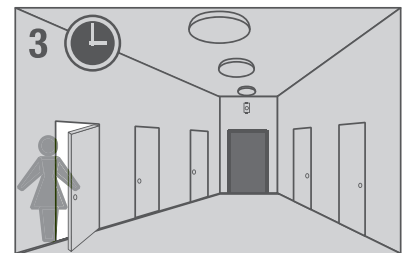
MVS-500 Series are moving object detector with 360 degree detection range and 5.8GHz working frequency, it can be used to automatically control other electrical appliances, such as lamp, security alarm system, monitoring camera, and so on.



During the daytime, the sensor does not detect any movement the light is always kept OFF.



During the night, when somebody enters the room, the lamp will be turn ON automatically



After the person leave, delay a period of time, the lamp will be turn OFF automatically

High Environmental Adaptability

the microwave motion sensor has high reliability, it's detection range is less affected by temperature, wind, airflow, sound, light, fog, smoke, dust, etc.

High Sensitivity Occupancy Detecting

This product can detect the slightest movement, such as lifting arm, turning round, stoop, and so on.

In addition, unlike infrared sensor, the microwave sensor have no directional characteristics. Movement no any direction can be detected.

Invisibility Installation

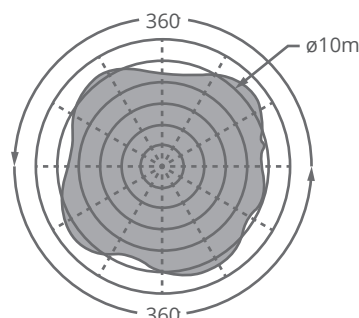
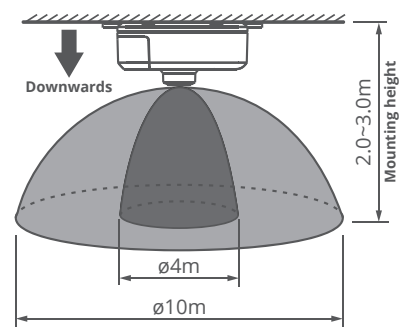
Since the detection is not affected by the obstacles, such as glass, wooded board, and so on, the microwave motion sensor can be built inside other electronical appliances, such as lighting fixtures.

Zero Crossing Triggered Technology

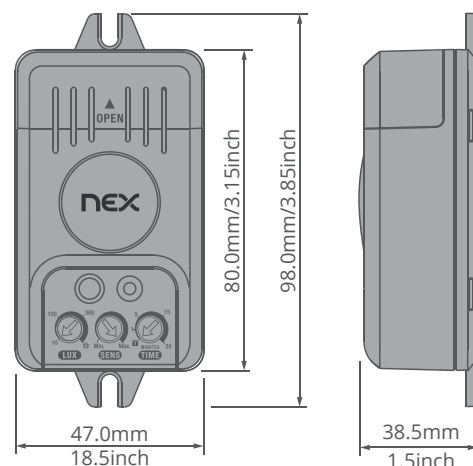
Using zero crossing triggered technology effectively extends the product's life.

TECHNICAL SPECIFICATION:

No.	Item	Model No.
		MVS-500
1	General	
1.1	Input/Output Voltage	230±10% 50/60Hz
1.2	Standby Power	≤ 0.6W
1.3	Microwave Frequency	58.Ghz ±75MHz CW Rader, ISM Band
1.4	Transmitter Power	<0.2mW
1.5	Use Locations	Indoor use only, for ceiling mounting
2	Sensor Detection	
2.1	Mounting Height	2-3m (Recommend 2.5m)
2.2	Detecting Coverage	ø4~10m @360°
2.3	Time Setting	Adjustablr 1 to 30 minutes w/Test Mode
2.3	Ambient Light Control	Adjustable 10 Lux ~ ∞ (Night toDaylight)
2.5	Manual Override	OFF/ON power switch twice within 2 seconds, the lighth will be manual trun ON and automatically trun OFF after 4 hours
2.6	Zero Cross Trigger	OV ± 50V
3	Max. Loading	
3.1	Switch Type	Relay (load Capacity: 10A 277VAC)
3.1	Incandescent	1000W
3.3	Fluorscent	400VA (uncompensated) or 1602W/20μF e.g. 6x18W, 4x36W, 2x59W
3.4	Halogen	500W
3.5	LV. Halogen	200W
3.6	Energy-save Lamp	200W
3.7	LED Lamp	200W
4	Others	
4.1	Operating Temp.	0~+60°C
4.2	Storage Temp.	-20 ~ +80°C, 10~95% RH
4.3	Unit Size	98.0 x 47.0 x 38.5 mm (3.85 x 1.85 x 1.50inch)
4.4	Package	White Box, 50pcs/CTN
4.5	Package Size	38x23x26.5cm (15x9x10.5 inch)
4.6	Gross Weight	5.5kg/CTN



CEILING MOUNTING COVERAGE



DIMENSIONS

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Warm Reminding

Description in this quick guide is subject to change without notice. Plase read the User Manual thoroughly before using.

Please contact your dealer for more information.