

Motion Sensor



AVAILABLE FROM NEPEAN ELECTRONICS

NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

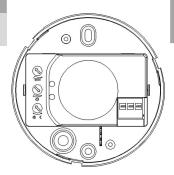
The NEPEAN Power Motion Sensor is a new energy saving switch which adopts microwave sensors combined with high frequency (5.8 GHz) electromagnetic waves in an integrated circuit. Designed to be automated, convenient, safe, practical and energy saving, the wide field of detection enables accurate capturing of human movement under day and night conditions. Its detection capabilities are through doors, panes of glass, limited thin walls, and is easily installed.

NEPEAN Advantage

- Under day time operation, sensor is adjusted on the "sun" position (max). It can operate in ambient light less than 3LUX when it is adjusted on the "moon" position (min)
- SENS adjustable It can be adjusted to suit location; low sensitivity with only 1m (radius) for detection distance; High sensitivity is up to 8m (radius).
- Time-Delay is added continually Upon receiving the second induction signal (after the first induction), it will then re-compute the time on the basis from the first time-delay
- Time—Delay is adjustable It can be set per customer requirements. The minimum time is 10sec ± 3sec. The maximum is 12min ± 1min.

Ordering Information

Part Number	Description
GST-MS1-48VDC	Motion Sensor 4 Wire 48V DC



Specifications

Product	
Power Sourcing	220V/AC - 240V/AC
Power Frequency	50Hz
Ambient Light	3-2000LUX (Adjustable)
Time-Delay	Minimum - 10sec ± 3sec
	Maximum - 12min ± 1min
Rated Load	1200W (incandescent lamp)
	300W (energy-saving lamp)
Detection Range	360°
Detection Distance	1-8m (radius) adjustable
HF System	5.8GHz CW radar, ISM band
Transmission Power	< 10mW
Installing Height	1.5m - 3.5m
Power Consumption	0.9W
Detection Motion Speed	0.6 - 1.5m/s