

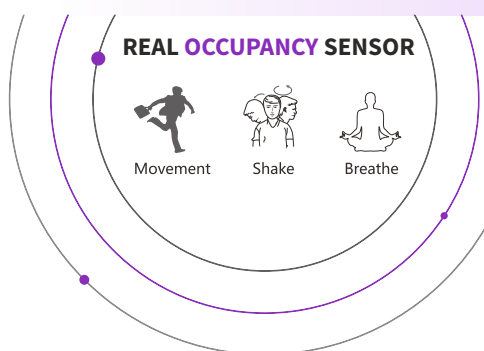
LTOSS

Surface Mounted Occupancy Sensor - White

The LTOSS Real Occupancy Sensor utilizes advanced 24GHz Millimeter Wave Radar technology to provide unmatched accuracy in detecting human presence. Designed for surface mounting, this innovative sensor goes beyond detecting large movements like walking to capturing subtle actions such as hand gestures, head tilts, and even the gentle fluctuations caused by breathing. With its highly responsive relay mechanism, the sensor automatically switches on or off based on detected activity, optimizing energy efficiency and functionality. Its exceptional sensitivity and reliability make it an excellent choice for various settings, including offices, smart homes, and public spaces, where precise occupancy detection is critical.

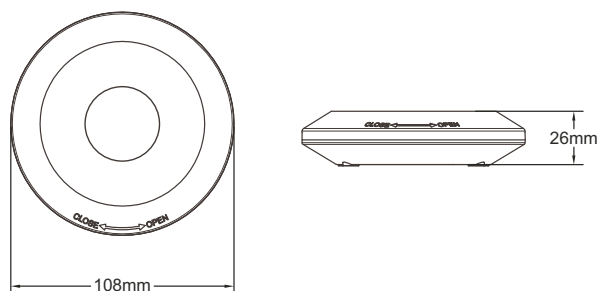
Easy to install and compact in design, the LTOSS Real Occupancy Sensor offers a state-of-the-art solution for smarter, more efficient environments.

Features & Benefits:



- 24GHz Radar: Precise motion and presence detection.
- High Sensitivity: Detects large and small movements, even breathing.
- Energy Saving: Automatic on/off relay switching.
- Versatile Use: Suitable for homes, offices, and public spaces.
- Compact Design: Easy to install and integrate
- Up to 400W LED / 800W other loads
- Warranty: 3 Years

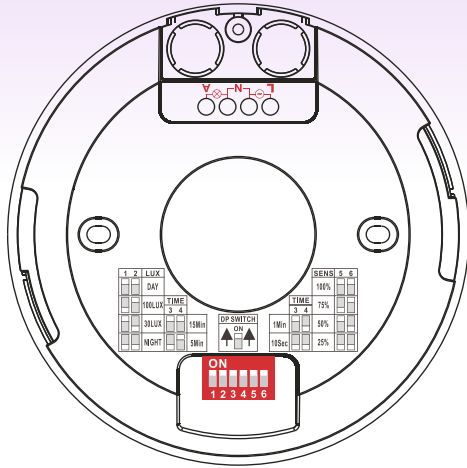
Dimensions(mm):



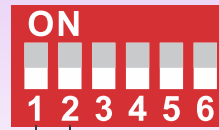
Technical Specifications:

Voltage	AC220-240 V/AC
Frequency	50/60HZ
Rated Load	400W LED / 800W Other Loads
Ambient Light	10lux / 30lux / 100lux / Day 24h Adjustable
Time Delay	10sec / 1min / 5min / 15min Adjustable
Detection Range	360° Ceiling / 180° Wall
Detection Distance	Max 3-4m (radius) Movement / 2-3m (radius) Breath
Power Consumption	<0.90W
Installation Height	2.2-4m
Body Material	PC
Working Temp.	-20 ~ +40°C
IP Rating	IP20

Sensor Settings:

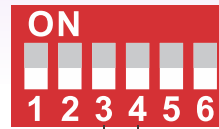


1 Daylight Sensor



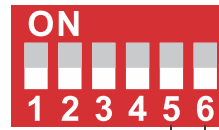
	1	2	range	Ambient light
I	OFF	OFF	<10Lux	very dark
II	ON	OFF	<30Lux	dark
III	OFF	ON	<100Lux	slight light
IV	ON	ON	DAY	whole day

2 Hold Time



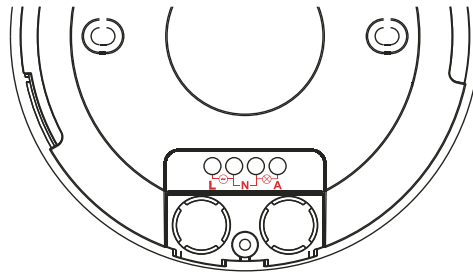
	3	4	delay time
I	ON	ON	15Min
II	OFF	ON	5 Min
III	ON	OFF	1 Min
IV	OFF	OFF	10sec

3 Detection Area

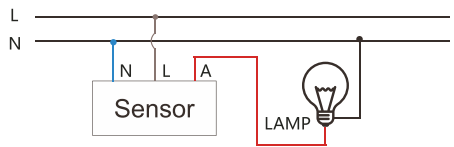


	5	6	sensitivity	detect breathe
I	ON	ON	100%	25m² (5x5m room)
II	OFF	ON	75%	16m² (4x4m room)
III	ON	OFF	50%	4m² (2x2m room)
IV	OFF	OFF	25%	1m² (1x1m room)

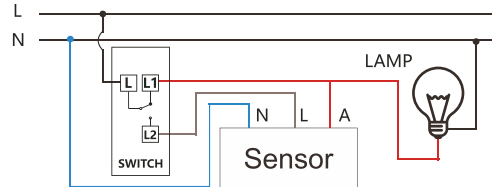
Wiring Diagram:



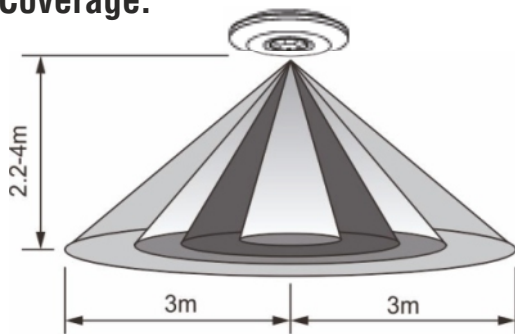
Normal wiring diagram



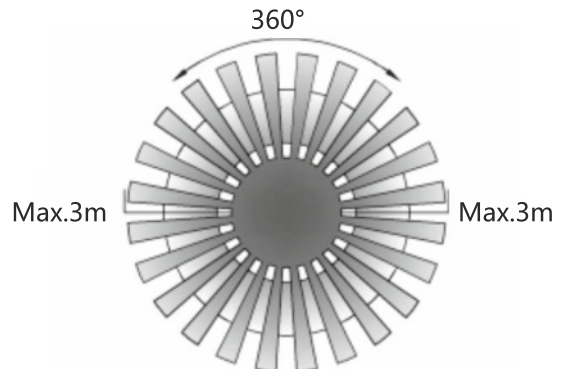
Manual override wiring diagram



Detection Coverage:



Height of Installation: 2.2-4m



Detection Distance: Max. 6m



Detection Distance
Max 3-4m Radius



Dimension
D75xH55mm



Detection Angle
360°



Max Load Watt
400W LED