

MTronic Motion and Light Sensor

POWER SPECIFICATIONS

Coverage	360° of View
Range	Up to 12 ft. (~5 meters)*
Light Intensity Range	0 - 2000 lx

*When mounted at a height of 8ft.

CONNECTIVITY SPECIFICATIONS

Mounting Type	Indoor Ceiling
Interface	Short-Range Mesh Technology 5.0, IEEE 802.15.1
Control Method	Wireless
Dependency	MTronic MHub
Compatibility	Google Home Amazon Alexa Assistant

TEMPERATURE AND HUMIDITY SPECIFICATIONS

Working Temperature	-25°C ~ +50°C
Humidity	85%

PHYSICAL SPECIFICATIONS

Item Type	Motion and Light Sensor
Available Color	White
Material	ABS Plastic
Dimensions	96 x 50 mm

RADIO SPECIFICATIONS

Wireless Communication	Short-Range Mesh Technology
Short-Range Mesh Technology Frequency	2.360-2.500 GHz

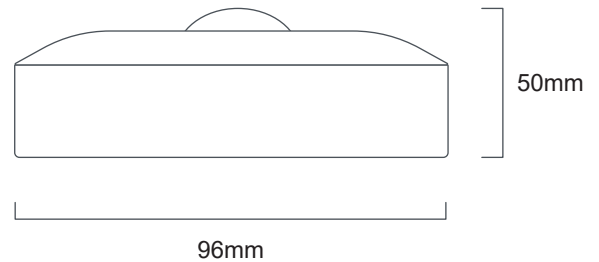
DESCRIPTION

MTronic Motion and Light Sensor is a ceiling-mount sensor. It is capable of detecting motion and light intensity in the vicinity of its installation. The sensor activates devices configured for it upon motion detection. You can provision the MTronic Motion Sensor by pressing the button at its back for 10 seconds.

WORKS WITH

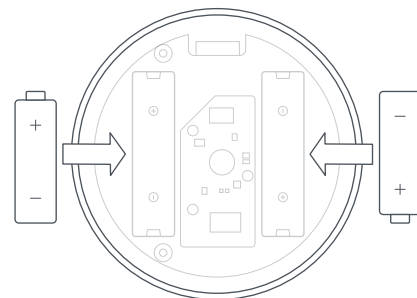
- MTronic Web Portal
- MTronic Android Application
- MTronic iOS Application

TECHNICAL DRAWING IN MM



INPUT POWER

2 x AA Batteries



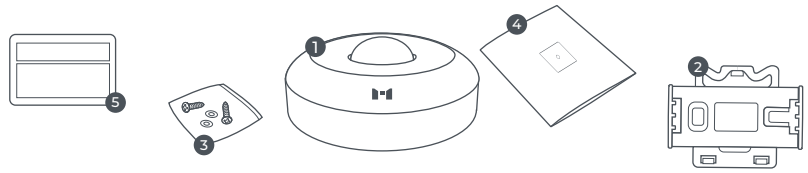
ANTENNA PROPERTIES/ ANTENNA GAINS

Transmitter Power	+4dBm
Antenna Gain	-0.1dBi



IN THE BOX

1. MTronic Motion and Light Sensor x 1
2. Mounting Bracket x 1
3. Screws x 2
4. Quick Start Guide x 1
5. Warranty Card x 1



SAFETY INSTRUCTIONS

▲ **Danger!**
Note about hazard

⚠ **Warning!**
Note about potential hazard

Dos

- ⚠ 1. Make sure to add the batteries to the device as per correct terminal markings.
2. Make sure to mount the device on the ceiling.
3. Make sure there is no hinderance in front of the device for it to function properly.
4. Operate the device only within indoor environments to keep it sheltered from all weather conditions.
5. Ensure the batteries in the motion sensor are properly inserted.

Don'ts

- ▲ 1. **The device must not be used in an explosive atmosphere.**
- ⚠ 2. Do not open or try to repair the device by yourself nor use it if any of its parts is broken.
- ⚠ 3. Do not allow children to play with the device or it's packaging as its plastic film and small components may pose a choking hazard to them.
- ⚠ 4. Do not dispose-off the device and batteries with other household garbage. It should be recycled according to the National regulations.
5. Do not mount the device in front of AC or heater to prevent it from false triggers.
6. Do not mount the device in damp rooms or wet areas.

FAULT CORRECTION AND MAINTENANCE

Warning

Opening the device by yourself nullifies the warranty. Generally, the device is maintenance-free and would not require to be opened.