



# Wiot Motion Sensor

Model: WS-MTD-100

The WS-MTD-100 motion sensor is a wireless sensor that detects any motion using advanced infrared technology. This motion sensor is fully automated and seamlessly connects with the WIoT Gateway system.

Multiple WS-MTD-100 motion sensors can be deployed in the same environment at multiple access points in order to increase safety. The WS- MTD -100 is easy to install on any surface.

## HIGHLIGHTS

- Connect wirelessly to WIoT Gateway and transmits motion detection status information instantly
- Automatically connect to the associated WIoT gateway
- Supports multiple zones
- Last for 3+ Years on a single battery
- No drilling or holes required
- Waterproof, ruggedized design

## ADDED VALUE

### Emergency & Safety Monitoring

- Monitor motion in closed or targeted area(s)
- Monitor motion inside a parked vehicle
- Wake-up the system and send alerts when motion is detected

### For D.O.T. Compliance

- Monitor motion in parked & empty vehicle

## TECHNICAL SPECIFICATION

Sensors Mechanism	Infrared
Normal State	Can be determined by the installation or the configuration
Alarm State	Can be determined by the installation or the configuration
Other Alarms	Use logic to combine with additional sensor(s)
Use Case	Inside a closed area to detect movement at the specific timing
Compatibility	Integrated with all WIoT Series
Update Frequency	Real-time
Trigger Sensitivity	Up to 5 meters (1 m/s motion)
Data Transmission	Wireless transmission via WIoT Gateway
Accuracy	100%

## PRODUCT SPECIFICATION

Material	Polycarbonate, PMMA
Dimensions	8.0 x 4.0 x 2.0 cm
Weight	69g
Operating Temperature	-40 C° to 70 C°
Operating Humidity	Max. 95 %
Battery	3.6 V, 3+ years battery life Replaceable AA battery
Wireless Frequency	433 MHz low-power data protocol
Range	10-30 m (line of site), is depend on the physical obstacle
Ingress protection	IP67 Rated, Waterproof and dustproof
Mounting Material	3M sticker and (optional) screws

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### SUPPORT

Bring Wiot to your Business

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