



Wiot Door Sensor

Model: WS-DOR-119

The WIoT WS-DOR-119 door sensor is a wireless sensor that monitors the opening and closing of any door. This door sensor is fully automated and seamlessly connects with the WIoT Gateway system.

The design is compatible with roll-up, swing doors and windows. Door open and close events are transmitted instantly via the WIoT Gateway.

Multiple WS-DOR-119 door sensors can be deployed in the same environment at multiple access points in order to increase safety.

HIGHLIGHTS

- Connect wirelessly to WIoT Gateway and transmits open or close status information instantly
- Automatically connect to the associated WIoT gateway
- Compatible with all doors and windows
- Last for 3+ years on a single battery
- No drilling or holes required for installation
- Waterproof, ruggedized design

ADDED VALUE

Emergency & Safety Monitoring

- Monitor door(s) open/closed status
- Monitor the window(s) open/closed status
- Monitor vehicle engine compartment
- Monitor vehicle trunk

For D.O.T. Compliance

- Alert if the door is open while the vehicle is moving
- Monitor stop sign arm and door status while dropping off or picking up student
- Monitor the performance of the door & the stop sign arm

TECHNICAL SPECIFICATION

Sensors Mechanism	Magnetostrictive touch
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	Door Status (Open/Close) ...etc.
Compatibility	Integrated with all WIoT Series
Update Frequency	Real-time
Trigger Sensitivity	Roll-up door or window: 50° angle Swing door or window: 0.5 cm
Data Transmission	Wireless transmission via WIoT Gateway
Accuracy	100%

PRODUCT SPECIFICATION

Material	Polycarbonate
Dimensions	7.0 x 5.0 x 1.9 cm (sensor) 7.0 x 1.3 x 1.0 cm (magnetic bar)
Weight	72.3g
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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