



Wiot Button Sensor

Model: WS-OPC-101

The WS-OPC-101 sensor is a physical wireless button sensor that contains a press switch. This button's pressed status is automatically relayed and transmitted via the WIoT Gateway.

Multiple WS-OPC-101 can be deployed in the same environment based on business need. The WS-OPC-101 button sensor is reliable and simple and easy to install.

HIGHLIGHTS

- Connect wirelessly to WIoT Gateway and transmits the button pressed status instantly
- Automatically connect to the associated WIoT gateway
- Last for 3+ Years on a single battery
- No drilling or holes required for installation
- Waterproof

ADDED VALUE

Emergency & Safety Monitoring

- Request urgent help
- Used as a panic button
- Used as an S.O.S button
- Used as a status button

For D.O.T. Compliance

- Pre-trip vehicle inspection
- Post-trip vehicle inspection

TECHNICAL SPECIFICATION

Sensors Mechanism	Press button switch-input
Normal State	Switch is up- (Normal) not pressed
Alarm State	Button is down - pressed
Other Alarms	Configurable for the numbers of presses
Use Case	S.O.S - Pre/Post Tripetc.
Compatibility	Integrated with all WIoT Series
Update Frequency	Real-time
Trigger Sensitivity	1 m/s Press
Data Transmission	Wireless transmission via WIoT Gateway
Accuracy	100%



PRODUCT SPECIFICATION

Material	Polycarbonate, PMMA
Dimensions	3.5 x 3.5 x 1 cm
Weight	34.2g
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	10-30m (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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