WIOT

Wiot Smoke Sensor

Model: WS-SMK-104

The WioT WS-SMK-104 sensor is a wireless smoke sensor that alerts with sound and flashing light when is detecting smoke and fire. This Smoke sensor is fully automated and seamlessly connects with the WioT Gateway system.

The sensor design is compatible with all surfaces and environments. The alert is transmitted instantly via the WioT Gateway.

Multiple WS-SMK-104 sensors can be deployed in the same environment or areas in order to increase safety and visibility The WS-SMK-104 is easy to install.

HIGHLIGHTS

- Connect wirelessly to WioT Gateway, alert when it since a smoke
- Automatically connect to the associated WioT gateway
- Last for 3+ years on a single battery
- No drilling or holes required for installation
- Waterproof, ruggedized design

ADDED VALUE

Emergency & Safety Monitoring

- Alert when detect smoke or fire
- Detect if the driver or passenger smoke inside the vehicle

For D.O.T. Compliance

- Alert to evacuate when it since the smoke and fire

TECHNICAL SPECIFICATION

Sensors Mechanism	Built in Smoke detector
Normal State	OFF
Alarm State	Alert, sound and strobe light
Use Case	Fire detected, etc.
Compatibility	Integrated with all WioT Series
Update Frequency	Real-time
Trigger Sensitivity	1 msec
Data Transmission	Wireless transmission via WioT Gateway
Accuracy	100%

PRODUCT SPECIFICATION

Material	Polycarbonate
Dimensions	5.0 x 5.0 x 2.0 cm
Weight	66.5g
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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