

Fire Alarm Sensor



Description

The Fire Alarm Sensor from *Smart Box & GeoPortal* measures the alarm status of any fire alarm panel and communicates this information through our portal.

Operation

The sensor detects whether an alarm is activated or deactivated. It also includes software-configurable low-pass filter settings to avoid false alarms.

The sensor is configured to send alerts through our portal when an alarm is activated and deactivated on the fire alarm panel. System alerts are sent as they occur (in real time) by Telegram or by email.

Main Features

- Uses secure and reliable LoRaWAN connectivity
- Range of the Wireless network: 3 km
- Equipped with an integrated temperature sensor
- Remote configuration and firmware updates
- Easy to install and maintain
- Quick installation without compromising the fire protection system
- Easy integration with fire alarm panels such as Siemens, Honeywell, Edwards, Johnson Controls, Mircom, and many other systems

LoRaWAN™



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Specifications

Alarm	
Operation	Detection of activation and deactivation of alarms
Range of the wireless network	3 km
Firmware configuration	Remote with secure access
Battery	1 x 3.6V AA Lithium 14505 (Li-SOCI2)
Battery lifespan	3 years
Temperature	
Range	0 – 60 °C
Resolution	0.1 °C
Accuracy	± 0.2 °C
Physical configuration	
Dimensions (L x W x H)	94 x 59 x 35 mm (without antenna)
Weight	100 g (battery included)
Mounting structure	35mm DIN rail
Conditions of use	
Protection code	IP67
Temperature range	-40 – 60 °C

