Intelligent Smoke Alarm

Smoke and temperature monitoring for optimal fire detection

With the Intelligent Smoke Alarm , your customers will never have to worry about fire or smoke in their homes again, making the Intelligent Smoke Alarm essential for security, or home care solutions.

While at home, the Intelligent Smoke Alarm will warn your customer about smoke, using a loud sound. By connecting several Intelligent Smoke Alarms distributed in different places of the home, customers can hear the alarm of a fire in the basement while they are on the top floor.

While away, your customer will be instantly notified through an internet-connected gateway. No matter whether the user is at work, visiting friends and family or on holiday, the Intelligent Smoke Alarm keeps them informed regardless of their location.
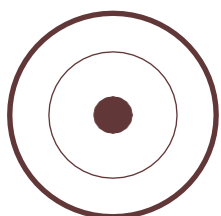
Key features

- Smoke sensor - IAS Zone
- Temperature sensor
- European certification
- Zigbee certified

Multifunctional wireless alarm

The Intelligent Smoke Alarm can also notify the user when the battery gets low ensuring the smoke alarm is not running out of power and preventing the alarm from going off at night due to low battery status. Through your IoT system, an Intelligent Smoke Alarm can be connected to other intelligent devices. For instance, smart lighting can be set to flash in cases of smoke detection.

Moreover, the Intelligent Smoke Alarm will report the status and temperature every two minutes via the customer's smart home system. The wireless smoke alarm is battery powered and easily mounted to the ceiling with the included screws.

Easy installation
Up to 3 years+ battery lifetime
Diameter 65 mm

Intelligent Smoke Alarm

Technical specifications

Model number: SMSZB-120

General

Dimensions (Ø x H)	Ø 65 x 40 mm
Weight	80.3 g (with packaging: 111.7 g)
Color	White
Power supply	Battery: 1 x CR123, exchangeable
	Battery life: up to 3 years, reporting every 5 minutes
	Battery level and low battery warning can be reported
Radio	Sensitivity: > -92 dBm
	Output power: Typ. +4 dBm (EU)
Environment	IP class: IP20
	Operation temperature 0 to +50°C
	Relative humidity 10-95% non-condensing

Functionality

Smoke sensor	Optical
	Siren output @ 3m > 85 dB(A), < 110dB(A)
Temperature sensor	Resolution: 0.1°C/0,18°F
	Accuracy typically ±1°C/2°F max ±3°C/8°F

Communication

Wireless protocol	Zigbee 3.0
	Zigbee end-device

Certifications

Certifications	Conforming to CE, RED and RoHS directives
	DIN EN 14604 certified
	Zigbee 3.0 certified

Connecting technology with life