sfty Sense
Smoke Detector

FEATURES

Certified, interconnected, optical smoke detector

Additional sensors enable you to use the detector for motion alarms (PIR) and provides you with updates on temperature, humidity and device battery level

Mute/Desensitize button to mute an ongoing false alarm, or desensitize the smoke detector before doing an activity you believe might set off an alarm

Sensitivity for motion sensor is configurable in app

History of use and alarms available any time in the sfty app

Button for testing of local siren as well as app notifications

Uses your home WiFi connection to reach you or others that should be notified

Can be configured to work across multi-resident buildings and escalates apartment alarms to building-wide alarms after a configurable delay

Alerts using both SMS and app alarms/notifications

Battery powered, but can be connected to AC power (requires an AC power adaptor)

Software upgrades are delivered "over-the-air" *

Modern, clean design and low profile

SPECIFICATIONS

Communication
Wi-Fi 2.4GHz - IEEE 802.11 b/g/n
Multi-tiered interconnect within and between homes through LiteWav3 (2.4GHz ISM).

Operating conditions
Temperature: From 4ºC to 40ºC
Humidity: From 20% to 80% RH (non-condensing)
Do not install the detector in locations where ambient conditions fall outside of these ranges.

Certifications

Certified according to EN 14604:2005
DoP: Sense-2015-001-EN

Sensors

Smoke: Optical (0.1dB/m typical sensitivity)
Movement: Pyroelectric Infrared (45° angle)
Temperature sensor: ±0,4°C reliability
Temperature sensor: ±4% reliability

Material

ABS + ABS UL 94 V-0 on AC-DC enclosure. Reach and Rohs
approved

Life expectancy

10 years

Battery life

Supported batteries will give you over 1-year battery life **

Siren loudness (SPL)

>= 85dB(A) @ 3 meters

Size and Weight

Height & Width: 9.8 x 9.8 cm
Depth: 2.7 cm
Weight: 185g with batteries (124g without)

User interface

Sounder, Button, RED alarm LED, Blue Wifi LED, green
and yellow power indicator

Ingress Protection Rating

IP 3

REQUIREMENTS

Supported batteries

4 x Energizer Ultimate Lithium L91 (AA non-rechargeable).
Other types or brands of batteries are NOT supported.

Power (optional)

230 VAC ±15%

WiFi (with internet connection)

2.4GHz - IEEE 802.11 b/g/n

sfty app

iOS: version 11 and up
Android: version 6 and up

Download from Apple App Store or Google Play and
register your sfty account

Mobile phone subscription

A valid mobile phone number is required when creating
your sfty account

PROVIDED WITH SFTY SENSE

- Sfty Sense
- 4 x Energizer Ultimate Lithium L91 (AA)
- Mounting bracket

- Screws and mounting tool
- Sfty Alarm sticker
- Quick Guide

* During initial setup, the device creates a temporary Wi-Fi access point (SoftAP) to allow configuration from the Sfty mobile app. This access point is protected by TLS encryption, and the device presents a unique certificate to authenticate itself to the app. The SoftAP is only active when the device is in an unconfigured state — for example, upon first power-up or after a factory reset triggered through the mobile app. Once Wi-Fi configuration is complete, the SoftAP is permanently disabled and cannot be reactivated without performing a new factory reset. It is recommended that onboarding be completed in a secure environment to prevent unauthorized access attempts during the setup phase

** 1 year in regular operation + 1 month in low power mode (during which functionality is limited to smoke detection and local smoke siren). Battery lifetime is based on normal use. Normal use is defined as the device having access to a wifi network that facilitates an average connection time (the total time the device wifi module needs to be powered for the device to report to us) of less than 6 seconds. Normal use is also defined as status reports sent hourly and an average of 24 motion reports per day.