



## Heat Alarm

### Temperature monitoring for optimal fire detection

The Heat Alarm ensures that your customers will never have to worry about fire in their building again. The Heat Alarm can be installed where smoke or fumes are a natural part of the atmosphere in order to prevent false alarms.

Key features:

- Fire sensor
- IAS Zone
- Temperature sensor
- ZigBee Home Automation 1.2 certified

A heat-based fire alarm is specifically useful in environments where traditional optical smoke sensors would cause false detections, due to smoke, fumes, etc.



**5 years battery lifetime**

**85 dB siren**

**Danish design**

The thermosensitive detector with wireless communication detects both rapidly increasing heat and absolute heat levels. In case of fire, the Heat Alarm will release a high-pitched sound as a warning. Should the Heat Alarm be triggered while nobody can hear it, the user will be notified immediately via the wireless network.

The Heat Alarm is designed for installation in buildings with a smoky, dusty, or humid environment, for instance in a kitchen, industrial building, living room with a wood-burning stove, or a garage. The Heat Alarm is battery powered and easily mounted to a wall or ceiling.



## Heat Alarm - Technical specifications

### General

Dimensions (Ø x H)	Ø 65 x 40 mm
Color	White
Power supply	Battery: 1 x CR123A, exchangeable Battery life: 5 years, reporting every 5 minutes Battery level and low battery warning can be reported
Radio	Sensitivity: -98 dBm Output power: +8 dBm
Environment	IP class: IP20 Operation temperature 0 to +50°C Relative humidity up to 95% non-condensing
Range	Minimum 100 meters (open field)

### Functions

Fire sensor	Heat based fire sensing Siren output 85 dB/3m
Temperature sensor	Range: 0 to +50°C Resolution: 0.1°C (accuracy ± 0.5°C) Sample time: config.: 2 s - 65,000 s Reporting: configurable

### Communication

Wireless protocol	ZigBee Home Automation ZigBee end-device
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### Certifications

Conforming to CE, RoHS and REACH directives  
DIN EN 14604 and DIN 14676 certified  
ZigBee Home Automation 1.2 certified