

10YHT - RF

Wireless Fire and Temperature Detector FireSAFE with thermal sensing technology and 10 years warranty on device and built-in battery



CONNECTED wireless interconnection of FireSAFE devices

- For secure, stable and reliable communication between individual devices, the system features its own FireSAFE radio technology operating at a frequency of 868 MHz
- The detector includes an integrated RF module which, thanks to the CONNECTED function, enables wireless connection of two or more FireSAFE detectors and thus creating a mutually interconnected wireless network



Support for connection of up to 24 FireSAFE devices

- Supports connection of up to 24 detectors and devices from the continuously expanding FireSAFE CONNECTED portfolio
- An intelligent central control unit FireSAFE Hub can be added to the wireless network, enabling convenient configuration and control of the comprehensive FireSAFE system
- Easy installation of individual devices without the need for cabling



Thermistor with intelligent algorithm

- It covers a wide range of applications and environments where reliable fire detection cannot be ensured using conventional technologies
- Fire detection with rapid temperature rise during burning or in slowly developing fires generating temperature increase in the monitored space



PCB protection with IZOVAX nanoparticle lacquer coating

- The electronic components and circuit board of the detector are covered with an insulating and protective layer of varnish with IZOVAX nanoparticles and thanks to innovative thermistor sensing technology, unlike conventional optical fire detectors, the device can be installed in a wide range of demanding environments



SIC remote alarm silencing IR remote control

- SIC enables remote silencing of the alarm acoustic signal by pressing any button on a standard IR remote control (most remote controls for household appliances, e.g. for TV)



Battery operation for up to 10 years

- Integrated 3 V lithium battery (built-in, non-replaceable)
- Guaranteed operating performance for up to a full decade
- After 10 years of protection and with 30 days' notice, the detector will inform you of its end of life



Certification 10 years warranty

- This wireless fire detector was independently tested by the accredited German laboratory TÜV as a fire safety solution meeting all required European standards including BS 5446-2: 2003 – thermal detectors class A1
- Extended 10 years warranty



Radio signal range up to 1000 m

- The device uses the frequency band 868.0–868.6 MHz and enables reliable communication between individual system elements at a distance of up to 1000 meters in open space without interference

Technical specification

Sensor technology	Thermistor temperature sensor class A1	Alarm signaling	- Acoustic - 85 dB at 3 m - Red LED indicator
Microprocessor	AI SAFE with predictive algorithm	Measurement interval	Repeated cycle every 10 s
Remote alarm silencing	SIC technology for remote alarm silencing via IR remote control (not included in package)	Installation method	On ceiling
Operating radio frequency	868 MHz	Housing material	PC + ABS
Radio signal range	Up to 1000 m in open space	Housing color	White
Max. number of connected devices	24 FireSAFE units	Operating temperature	-10 °C to +55 °C
Alarm at temperature range	+54 °C to +65 °C	Operating humidity	Up to 95% relative humidity without condensation
PCB protection	Insulating and protective lacquer coating with IZOVAX nanoparticles	Storage conditions	- Temperature: -20 °C to +60 °C - Humidity: 5% to 95% relative humidity without condensation
Power supply	3V DC, 1x CR123A lithium battery (non-replaceable)	Silencing time	9 minutes
Power consumption	- Standby mode: ≤15 uA - During alarm: ≤60 mA	Approval	BS 5446-2: 2003 - Heat detectors class A1
Battery life	10 years	Marks	CE, CE UKCA
LED indication	Operation, alarm and fault	Warranty	10 years (on device and battery)
Operation	Green LED indicator flashes once per minute	Product dimensions	Diameter 93.8 mm, height 46.9 mm (with mounting bracket)
Alarm	Red LED indicator flashes once per second	Product weight	115 g (including battery)
Fault	Red LED indicator flashes once per minute	Product packaging dimensions	103 x 52 x 103 mm
		Product packaging weight	173.7 g
		Carton Dimensions	475 x 329 x 278 mm
		Carton Weight	7.5 kg
		Number of units per carton	40 pcs
		EAN Code	0703123018234

Product dimensions

