10YHT - RF

Wireless Fire and Temperature Detector



New generation wireless heat rise detector designed for fire detection that is not accompanied by smoke and provides early warning of impending danger upon detecting a sudden rise in temperature in the monitored area.

- CONNECTED wireless connection of FireSAFE devices
- Supports connection of up to 24 devices
- Thermistor with an intelligent algorithm
- SIC remote alarm silencing by IR remote control
- Radio signal range up to 1000 m
- Battery operation for up to 10 years
- PCB protection with IZOVAX nanoparticle lacquer layer
- BS 5446-2: 2003 certification and 10-year warranty

Technical specification

Sensor technology	Thermistor Temperature Sensor Class A1
Microprocessor	AI SAFE with predictive algorithm
Time measurement interval	Repeated cycle every 10 s
Alarm at temperature range	+54 °C to +65 °C
PCB protection	Insulating and protective lacquer layer with IZOVAX nanoparticles
Alarm Signalization	Acoustic (85 dB at 3 m) and optical (red LED indicator)
Remote alarm silencing	SIC Technology and Remote Alarm Silencing by IR Remote Control
Mute Time	9 minutes
LED Indication	Operation, alarm and fault
Operation	Green LED indicator flashes once per minute
Alarm	Red LED indicator flashes once per second
Malfunction	Red LED indicator flashes once per minute
Working Radio Frequency	868 MHz
Radio signal range	Up to 1000 m in open space
Max. Number of Connected Devices	24 units of FireSAFE type
Power Supply	3 V DC, 1× CR123A lithium battery (non-replaceable)
Consumption	Standby mode: ≤ 15 µA; during alarm: ≤ 60 mA
Battery Life	10 years
Mounting	On the ceiling
Installation	Indoor
Operating Temperature	-10 °C to +55 °C
Operating Humidity	Up to 95% relative humidity without condensation
Storage Conditions	Temperature: -20 °C to +60 °C; humidity: 5% to 95% relative humidity without condensation
Housing Material	PC + ABS
Housing Colour	White
Product Dimensions	Diameter 93.8 mm, height 46.9 mm (with mounting bracket)
Product Weight	115 g (including battery)

Technical specification

Package Dimensions	103 × 52 × 103 mm
Package Weight	173.7 g
Carton Dimensions	475 × 329 × 278 mm
Weight of the carton	7.5 kg
Quantity per carton	40 pcs

Approvals	BS 5446-2: 2003 - heat detectors class A1
Marks	CE
Warranty	10 year (for device and battery)
EAN code	0703123018234



More on the web
smart-safe.eu/firesafe/en/produkty/safe-10yht-rf

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