10Y30 - RF

Wireless Smoke Fire Detector



A new generation of wireless fire detector with breakthrough dual-spectrum smoke detection, a dust-resistant optical chamber, and SIC technology for temporary alarm silencing via an IR remote control, which can operate as part of the FireSAFE fire security system supporting the FireSafe Hub central control unit or completely autonomously.

- CONNECTED wireless connection of FireSAFE devices
- Supports connection of up to 24 devices
- Dual-spectrum optical sensor for smoke detection
- Radio signal range up to 1000 m
- Protection against foreign bodies
- SIC remote alarm silencing by IR remote control
- Battery operation for up to 10 years
- PCB protection with IZOVAX nanoparticle lacquer layer
- EN 14604:2009 Certification and 10 year warranty

Technical specification

Sensor technology	Dual-spectrum optical (photoelectric)
Microprocessor	AI SAFE with predictive algorithm
Preset alarm value	0.2 dB/m to 0.3 dB/m
Detection Area	When the height of the space is less than 8 m, the area protected by the device is 20 m² to 40 m²
PCB protection	Insulating and protective lacquer layer with IZOVAX nanoparticles
Alarm Signalization	Acoustic – 85 dB at 3 m, 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 twice per minute
Working Radio Frequency	868 MHz
Radio Signal Range in Open Space	Up to 1000 m
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: ≤ 35 mA
Battery Life	10 years
Environment	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% RH without condensation
Mounting	Ceiling or wall mounting
Housing Material	PC + ABS
Housing Colour	White
Product Dimensions	diameter 81.5 mm; height 51.6 mm
Product Weight	110 g (including battery)

Technical specification

Declaration of Comformity (DoC)	CE
Certification	EN 14604:2005+AC: 2008
Warranty	10 year (for device and battery)
Package Dimensions	61 × 86 × 98 mm
Package Weight	160 g
Carton Dimensions	395 × 360 × 260 mm
Weight of the carton	7.2 kg
Quantity per carton	40 pcs
EAN code	0703123018227



More on the web
smart-safe.eu/firesafe/en/produkty/safe-10y30-rf

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