10Y30 - PRO

Autonomous Smoke Fire Detector



A new generation fire detector with breakthrough dual-spectrum dust detection, a resistant optical chamber and SIC technology for temporarily silencing the alarm using an IR remote control. Power is provided by an integrated lithium battery (built-in, non-replaceable) guaranteeing an exceptionally long device operation of more than 10 years, with an extended 10-year warranty on both the battery and the device itself.

- Dual-spectrum optical sensor for smoke detection
- 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

Smoke Detection	Dual-spectrum optical (photoelectric) sensing technology
Microprocessor	AI SAFE with predictive algorithm
Alarm silencing	Manual via the silence button; remotely via SIC technology by IR remote control (not included)
Mute Time	9 minutes
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
Preset alarm value	0.2 dB/m to 0.3 dB/m
Alarm Signalization	Acoustic 85 dB at 3 m; optical red LED indicator
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

Power Supply	3 V DC, 1× CR123A lithium battery (non-replaceable)
Consumption	Standby mode: ≤ 15 µA; during alarm: ≤ 35 mA
Battery Life	10 years
Installation	Indoor
Mounting	Ceiling or wall mounting
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
Housing Material	PC + ABS
Housing Colour	White
Product Dimensions	diameter 81.5 mm; height 51.6 mm (with mounting bracket)
Product Weight	110 g (including battery)
Package Dimensions	61 × 86 × 98 mm
Package Weight	160 g
Carton Dimensions	395 × 360 × 260 mm
Weight of the carton	7.2 kg

Technical specification

Quantity per carton	40 pcs	Warranty	10 year (for device and battery)
Certification	ČSN EN 14604:2009	EAN code	0703123017923
Declaration of Comformity (DoC)	CE 1008-CPR-MC 69266708		



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

Producer: SAFE HOME europe s r.o., Čechova 1005/4, 750 02 Přerov, Czech Republic www.smart-safe.eu info@safe-home.eu