A relaxed day begins after a peaceful night

The Ei6500-SA2 is a visual and stand alone smoke detector of the type C in accordance with DIN14676-1.

The Ei6500-SA2 offers a reliable early warning against domestic fires for 10 years. It has beyond that an obstacle recognition that ensures the free smoke entry. By means of an ultrasonic sensor the device controls its smoke inlets of on locks and tracks on obstacle within a radius of 50 cm that may obstruct the entry of smoke in case of fire. Through the integrated radio technologies, either the bidirectional Sontex Radio or the manufacturer's OMS radio system, the complete readout occurs remotely; time-consuming on-site visits are no longer required.

Simple
Quick and easy installation and commisioning.

Lifetime
10 years of reliable safety.

Versatile
Thanks to the two available radio technologies, it can be easily integrated into all existing systems.

Secure data readout
The end-to-end individual AES key encryption ensures the data protection.

User-friendly
False alarm protection and manual suppression of fault messages.

Sontex

Product characteristics

- 10 years Lithium battery (3V)
- Self detection of obstacles
- Dirt compensation
- Smart microprocessor
- Function Test
- Monitoring of smoke inlets
- Commisioning with Power-up LED
- Self-monitoring with error display
- Monitoring of the sound generator
- Suitable for bedrooms

Specifications

Homologation	DIN14676-1 Type C, EN 14604 and DIN SPEC 91388
Power supply	Lithium battery, 3V, 10+1 years life time
Sensor type	Diffused light
Piezo sound level	95 dB(A) at 3 m
Test/Mute button	Yes
Reduced test volume	Yes
Networking possibility	Wired: no Radio: no
Mute in case of false alarm	Yes , 10 min
Automatic self-monitoring	Yes
Ready-to-operate	Power-Up LED during commissioning, thereafter without optical display
Remote inspection	Procedure C
Communication Sontex Radio	Accessibility: bidirectional (from 06:00 to 18:00 +1h in the night according to serial number, 7 days per week) Frequency: 433.82 MHz
Communication OMS	Accessibility: unidirectional (data transmission every 120 seconds, 12 hours per day, 7 days per week) Frequency: 868.95 MHz
Encryption	Encryption: AES-128 (Sontex Radio Mode 5, OMS Mode 5 or Mode 7). Individual AES key downloadable from Sontex Exchange Platform
Operating / storage temperature	0 to + 40 degrees Celsius / - 10 to + 40 degrees Celsius
Humidity	15 % to 95 % rel., no condensation
Weight / Dimension / IP protection	320 g / Ø 136 mm x 66 mm / IP20
Housing material	Plastic polystyrene (HB-classified according to UL94, self-extinguishing)
Monitoring area	⩽ 60 m²