



Description

nebula smoke detectors are optical devices that detect and signal the presence of smoke in compliance with the EN14604:2005 standard.

They are equipped with a separate base that makes installation and maintenance operations easier for the installer.

Two versions are available: with a white or grey mesh design, or with a circular glass design.

All versions provide visual indication (red LED) and acoustic indication (>85 dB), which are activated in the event of an alarm condition, low battery, or fault / dirty sensor.



KSF5300001.003 - grey mesh design
KSF5300001.011 - white mesh design



KSF5300001.001 - glass design

By installing the dedicated Ksenia bidirectional wireless interface inside it, the device can communicate alarms and its status to a lares 4.0 control panel. Programming on the lares 4.0 control panel is carried out by adding a new "Zone" to the system; the smoke detector status is displayed in real time in the lares 4.0 user app, on the Security -> Sensors -> Smoke category page.

Technical Specifications

Power supply:	9 V non-rechargeable lithium battery included
Maximum expected life:	up to 10 years – up to 4 years when used with radio interface KSI5003000.300
Current consumption:	20 µA stand-by
Monitored area:	max. 60 m² at 6 m height
Air speed:	max. 20 m/s
Protection rating:	IP40
Alarm indication:	visual (LED) and acoustic >85 dB(A) / 3 m
Certification:	EN14604:2005
Operating temperature:	from -10 °C to +60 °C
Dimensions:	ø 112 x 37 mm (glass) – ø 95 x 21 mm (mesh)
Humidity:	95%
Weight:	320 g (glass) – 160 g (mesh)

System maximum configuration

lares 4.0 models	wls 96	16	40	40 wls	140 wls	644 wls
Maximum number of wireless sensors	32	16	40	40	64	64

How to order

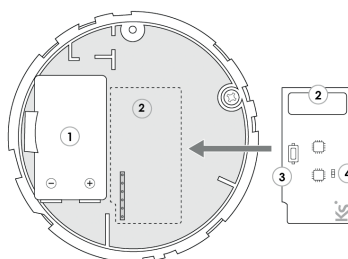
KSF5300001.001 - glass design
KSF5300001.003 - grey mesh design
KSF5300001.011 - white mesh design

Compliance

Europe - CE, RoHS
Standards • EN14604:2005



Physical description



Legend

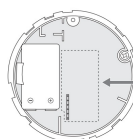
1. 9 V battery
2. 868 MHz bi-directional radio interface (code KSI5003000.300)
Optional module to associate nebula with a lares 4.0 control panel
3. Radio test button
4. Red LED for alarm, low battery, or fault indication

Accessories



KSI5003000.300 - Bidirectional WLS interface 868 MHz

By installing the wireless interface inside the product base, the device can communicate alarms and its status to a lares 4.0 control panel.



- Frequency: 868 MHz
- Current consumption: 20 µA stand-by
- Maximum range in open space: 350 m max
- Operating temperature: from -10 to +60 °C

Technical specification, appearance, functional and other product characteristics may change without notice.