Ksenia
security innovation

nebula

nebula optical stand-alone smoke detectors

KSF5300001.001 - glass design
KSF5300001.003 - mesh design

Description and functionalities

nebula detectors are optical devices that allow smoke and fire detection in compliance with **EN14604:2005**.
nebula is provided with a separate base that makes easier installation and maintenance. Two models are available: the first with silver mesh, the second with circular glass design.
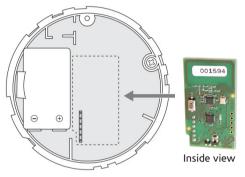Both have a visual (red LED) and acoustic (>85dB) low battery, fault/pollution and alarm condition indication.

An optional 868 MHz wireless Bi-directional interface can be installed inside the nebula smoke detectors in order to enroll them to lares or lares 4.0 control panels.
Adding a **nebula** in the system consists in configuring a new "zone", the real time status of the smoke detector is shown on the APP lares 4.0 user, page Security -> Sensors -> Smoke category.

Inside view

868MHz Bi-directional radio interface, optional.   code KSI5003000.300

Technical data
• Frequency: 868 MHz
• Consumption: 20 µA stand-by
• Operative range in open air 350m max
• Operative range: -10°+60°C

APP Ksenia Pro
Installer

APP lares 4.0
User

Nebula Zone

nebula

Technical data

• Power supply	Battery 9V lithium not rechargeable (included)
	Battery life expectancy: up to 10 years
	Up to 4 years if utilized with radio interface KSI5003000.300
• Consumption	20 µA stand-by
• Monitored area max.	60mq to 6 meters height
• Anemometrical speed	max 20m/s
• Protection class	IP40
• Alarm indication	optical (LED) and acoustic >85dB(A)/3m
• Certification	EN14604:2005
• Operating range	-10°C +60 °C
• Dimensions	ø112x37 mm (glass)
	ø 95x21 mm (mesh)
• Humidity	95%
• Weight	320 g (glass)
	160 g (mesh)

Quantity data

lares 4.0 models	wls 96	16	40	40 wls	140 wls	644 wls
Numero massimo sensori wireless	32	16	40	40	64	64

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