

LANSEN

Smoke detector 10 years AMR-wireless M-Bus

LAN-WMBUS-SMK2

DEVICE

The OMS compliant Lansen smoke detector alerts as soon as smoke is detected. The device uses photoelectric technology and has an aesthetically appealing professional design and function. The design allows for discrete integration in home environment.

The device is fully supervised and checks for low battery, malfunction, and even perform self-test of the siren. Furthermore, the manual test button helps verify both battery status and alarm operation.

The device is automatically powered on when mounted on the ceiling for fast and efficient installation. The device is automatically powered off when removed from the ceiling.

FIRMWARE

MODES	C-, T- or S-mode (selectable on order)
SEND INTERVAL	180s. Smoke alarm and manual test is sent immediately
ENCRYPTION	AES128 encryption OMS mode 5, Profile A. ON/OFF, unique/custom key (selectable on order)

STANDARD

T1-mode, 180 seconds. Encryption ON with unique key.

WARNINGS

BATTERY	Low battery (smoke detector) Low battery (radio)
SMOKE	Smoke present (Alarm)
END OF LIFE	Device is ending its max service time of 10 years
MALFUNCTION	Malfunction warning Clean me (smoke detector sense dust or other particles) Low sensitivity
NO CONNECTION	No connection between the radio and smoke detector
MANUAL TEST	Manual test performed
SILENCE MODE	Manually silenced an active alarm
FAULTY SIREN	No sound detected after manual or automatic test

POWER/LIFETIME

POWER SUPPLY	
Radio	Panasonic CR123A or Duracell DL123A 3V lithium battery (replaceable)
Smoke detector	Energizer L91, 2x1.5V lithium battery (NOT replaceable)
LIFESPAN	More than 10 years

GENERAL INFORMATION

STANDARDS	2014/53/EU (RED) EN 13757-3/4:2013, OMS 4.0.2 (TR05 V1.0.6)
APPROVALS	EN 14604:2005 + AC:2008
TEMPERATURE	0°C to +50°C
SOUND LEVEL	Min. 85 dB at 3m
SENSITIVITY	0.080.12 dB/m
RELATIVE HUMIDITY	5-90%, none condensing
MATERIAL	White, ABS
SIZE (W x H x D)	120 x 120 x 53 mm

DEVICES

LAN-WMBUS-SMK2 Smoke detector with sealed battery

PERFORMANCE

The device has a robust design equipped with long lasting high performance batteries. The battery level is continuously monitored and a low level warning is issued when either radio battery or smoke detector battery is nearing depletion.

If 28 days has passed since the last manual or automatic test, the device will perform an automatic self-test to check internal functions, including sound, and warn if the device is malfunctioning. A short beep will be heard to test and verify the internal siren.

Once every 3 minutes the device wirelessly transmits a status packet containing information such as warnings, number of days mounted, number of hours until next automatic test, last measured sensitivity level on smoke detector, and more.

The data from the device is protected using the AES128 encryption compliant with OMS standard.

USAGE

The device can be used where there is a need to remotely monitor that a smoke detector has not been removed and is working correctly.

