

ORIGIN

Fire Safety | Energy Monitoring | Indoor Air Quality

Smoke detector (DAAF), Temperature, Humidity



Origin is a connected smoke detector that alerts you in real time in case of fire.

With its temperature and humidity sensors, **Origin** continuously analyses the building's environmental parameters.

Origin integrates the **iZiAiR** air quality and hygrothermal comfort algorithm to easily study each indoor environment and identify possible improvements.

Thanks to its wireless communication module, data can be accessed remotely, simply from a smartphone or a computer screen*.

PRODUCT ADVANTAGES

- An all-in-one connected solution for fire safety, temperature monitoring and Indoor Air Quality analysis
- Lithium batteries 10 years autonomy**: no need to change batteries repeatedly
- Robust product, completely sealed and unbreakable
- Anti-theft fixing device for wall mounting
- Quick and easy installation

APPLICATIONS

- Fire safety
- Temperature monitoring in residential buildings
- Indoor Air Quality Analysis

* Optional subscription fees may apply ** Lifetime for standard use. Battery life may vary

FUNCTIONS

- Regulatory approved smoke detector (DAAF)
 - o Remaining battery life
 - o Detector Maintenance History and Reminder
 - o Smoke alarm history
- Measurement of ambient parameters
 - o Temperature
 - o Relative humidity
- Local (NFC) or remote (downlink) product configuration and diagnostics
- **iZiAIR** Indoor Air Quality Index



Very good



Average

FEATURES

Smoke detector

Technology: optical, photoelectric type

Sound power level: > 85 dB at 3m

Insect protection: prevents false alarms

Temperature

Resolution: 0.1°C

Accuracy: ±0.3°C

Measuring range: -30°C / +70°C

Humidity

Resolution: 0.5% R.H.

Accuracy: ±2% R.H.

Measuring range: 0 - 100% R.H.

Frequency of measurement transmission

Every 10 minutes (configurable) and as soon as a smoke alarm is triggered

Network Pairing / Operation / Smoke Alert Indicator

2x LED: Orange / Red

Power supply

2x integrated and sealed lithium batteries

Battery life

10 years in typical use

Conditions of use

Indoor environment

Temperature: from 4°C to + 45°C

Humidity: 0% RH to 95% RH

Dimensions: 105 x 105 x 30 mm

Weight: 120g

Type of mounting

- Wall mounted (recommended)
- Ceiling

Connectivity

- LoRaWAN (868 MHz)
- Sigfox (RC1)
- EnOcean (868 MHz)
- Zigbee 3.0 (2.4 GHz)

Other radio protocols on request

PRODUCT REFERENCES

Origin (LoRaWAN): I870LR_FND_S

Origin (Sigfox): I870SF_FND_S

Origin (EnOcean): I870EO_FND_S

Origin (Zigbee): I870ZB_FND_S

BOX CONTENTS

- 1 detector
- 1 anti-theft base
- 2 screws and nylon plugs
- 1 user's manual

STANDARDS

EN14604, CE