

## AIR

### Carbon monoxide detector, Indoor Air Quality Monitoring *Connected*



- Connected
- Carbon monoxide detector
- Indoor Air Quality Monitoring
- Interconnection : up to 100 products (only LoRaWAN)
- Long-lasting battery - 10 years' battery life\*
- Possible customization

#### TECHNOLOGY

- > 2-in-1 carbon monoxide detector and indoor air quality analyzer
- > Proprietary algorithm analyses air quality in real time
- > Interconnection: When one of your detectors rings in the building, it warns up to 100 other detectors that in turn emit an audible alarm (only with LoRaWAN).

#### SMART HOMES

- > A wide range of Smart Home / Smart Building compatible wireless protocols
- > Can be integrated into connected environments with a number of custom features

#### RELIABILITY

- > Each detector is tested individually before it is placed on the market
- > Electrochemical CO detector with a 10-year service life

#### AUTONOMY

- > Reduced maintenance: 10 years of battery life\* for the device and its radio connection
- > 10-year cost cost lower than most detectors on the market

#### DESIGN

- > Stylish detector designed to fit into every interior
- > Discreet and compact: AIR is only 3,5 cm thick

## CO DETECTOR

### GENERAL CHARACTERISTICS

Operating principle  
Carbon monoxide detection via  
electrochemical sensor  
Sound power: > 85 dB at 1 m  
Operating indicator:  
> Green LED: working  
> Orange LED: fault indicator  
> Red LED: carbon monoxide warning

### BASIC FEATURES

- > CO alarm
- > Fault alarm
- > Low Battery Warning
- > Detector End-of-Life Warning
- > Manual test of detector operation
- > Self-Test Operation (every 3m)
- > Pause the detector (5 min)
- > Pause the low battery alarm (8 h)

### ADVANCED FEATURES

- > Device Status
- > Permanent "keep alive" state
- > Co measurement log
- > Detector maintenance log
- > Residual battery life

## INDOOR AIR QUALITY MONITOR

### GENERAL CHARACTERISTICS

Operating principle  
> Indoor air quality analysis by combining 2  
temperature and humidity sensors

### BASIC FEATURES

- > Temperature. Resolution: 0.2°C
- > Humidity. Resolution: 0,5% HR
- > Measurement of carbon monoxide : 0 – 1000  
PPM

### ADVANCED FEATURES

- > Indoor Air Quality Index on 4 levels
- > Tips and user actions to improve comfort  
and indoor air quality indices
- > Temperature, Humidity and CO log
- > Device Status
- > Remaining battery life

*\*Battery included. Refer to the terms of the user manual.*

## CONNECTIVITY FEATURES

Radio Protocol : LoRaWAN *(other protocols on  
request)*

Open protocol. Can be integrated into any IoT  
solution.

## PHYSICAL CHARACTERISTICS

Power supply  
> Integrated and sealed lithium batteries  
Battery life: 10 years\*  
Electrochemical sensor service life: 10 years  
Dimensions: L 105 mm x W 105 mm x H 35 mm  
Net weight: 150 g (including battery and  
bracket)  
Terms of use  
> Internal household environment  
> Temperature: 4°C to + 45°C  
> Relative humidity: from 15% RH to 95% RH  
Mounting type: Wall-mounted, or standalone  
using removable base (included)

## ARTICLE REFERENCE

AIR LoRaWAN – I850LR

## CONTENTS OF THE BOX

- > 1 detector
- > 1 anti-theft stand for wall installation
- > 2 screws and nylon wall plugs
- > 1 standalone installation bracket
- > 1 instruction manual

## CE CERTIFICATION

### NORM / REFERENCE

EN 50291-1:2010  
EN 50291-1/A1:2012

## WARRANTY

2 years

Designed in France