

# RISE+

3-in-1 room sensor

Click or scan to find out more about the product



Nexelec



## Intelligent and connected

On-board data analysis algorithm. Remote reading of measurements. All information is available in a secure cloud space



## High-performance battery

Runs on replaceable lithium batteries. Up to 15 years<sup>(1)</sup> of autonomy

CO<sub>2</sub> Carbone Dioxide

Temperature

Humidity

## Monitors indoor air quality

The CO<sub>2</sub> sensor analyses the atmosphere every 5 minutes and informs you whether it is necessary to ventilate or close the window

## E-Ink Screen

Direct reading of ambient measurements for a better user experience

## Saves measured data

Integrated micro SD card. Up to 10 years of sensor measurements stored in memory. Useful in the event of a power cut

## Clearly visible indicator light

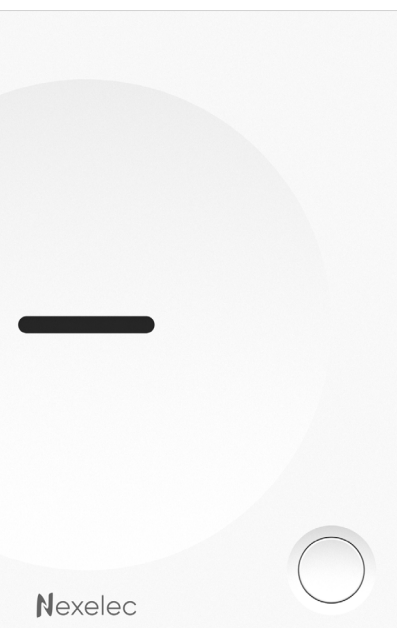
The Green / Orange / Red indicator changes with the CO<sub>2</sub> level and alerts you when it's time to ventilate to renew the indoor air.

## Regulatory compliance

Direct-reading sensor complying with French standards for measuring CO<sub>2</sub> concentration in indoor air

## Calibration certificate

Accuracy of CO<sub>2</sub>, temperature and humidity measurements validated by a COFRAC-accredited metrology laboratory



# RISE+

3-in-1 Room Sensor

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www.nexelec.eu

Reference	Radio
X220LR	LoRaWAN



Various protocols and radio zones available.  
Click or scan this QR Code to select the appropriate reference.



Net weight: 200 g (including battery)

## FUNCTIONS



### Enhanced cyber security

Data transmitted by the product is secured from end to end using double AES128 encryption



### Easy to configure

Easy product adjustment via contactless NFC technology from a smartphone



### Anti-tear detection

Triggers an alert message if the product is removed from its mounting base



### Temperature / Humidity

For an indoor comfort grinder.  
Measures ambient parameters in offices or homes



### Accuracy of CO2 measurement

No risk of measurement drift.  
Automatic weekly recalibration of CO2 sensor. Manual calibration possible



### Instantaneous measurement

Easy to operate, thanks to a button on the front of the sensor. Useful for occupants or technicians (function can be deactivated)



### 270° Air

Numerous side openings for better ambient air analysis



### Signal tone

An audible signal notifies occupants if Indoor Air Quality deteriorates. Can be activated / deactivated locally or remotely



### Anti-theft protection

Lockable mounting base reduces risk of sensor removal



### Design

Facilitates product acceptance by occupants



### Reliable data transmission

Transmission modes adapted to every need, with redundant transmissions for high availability of critical data



### Easy to install

Free-standing on desk, wall or flush-mounted box. Adhesive mounting included



### Insect barrier

Product-integrated pest screen

## FEATURES

### Carbon Dioxide

Res.: 1 ppm  
Prec.: ±(50 ppm + 3% value)  
Measuring range: 0 - 5 000 ppm

### Temperature

Res.: 0.1°C  
Prec.: ±0.2°C  
Measuring range: -30°C - +70°C

### Humidity

Res.: 0.5% R.H.  
Prec.: ±2% R.H.  
Measuring range: 0 - 100% R.H.

### Mounting type

Wall-mounted or free-standing

### Conditions of use

Indoor environment  
Temperature: -20°C to +50°C  
Humidity: 0% RH to 99% RH (non-condensing)

### Data transmission mode

Periodic  
Grouped data (datalog) with transmission redundancy

### Certification\*



### Box content

1 sensor  
3 batteries included  
1 SD card  
1 mounting base  
2 nylon screws and plugs  
13M® adhesive fastener

### Power supply

3 battery slots

### Connectivity\*



### Warranty<sup>(2)</sup>

2 years

<sup>(1)</sup> Battery life is not guaranteed and may vary according to settings and product use. <sup>(2)</sup> Please refer to the information available on [www.support.nexelec.fr](http://www.support.nexelec.fr) \*Available according to reference.