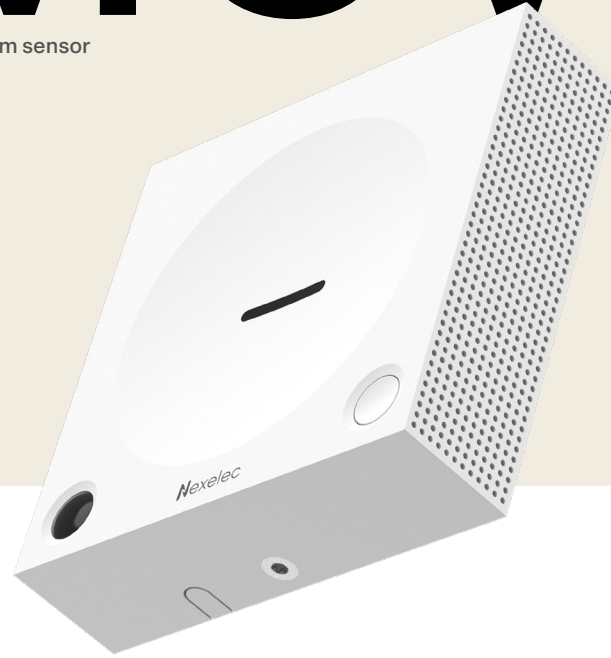


# MOVE

5-in-1 room sensor

Click or scan to discover product in details



## Connected

Remote reading of measurements. All information is available in a secure cloud space



## Presence detection

Motion sensor detects people up to 6 meters away. Useful for lighting, security or temperature control

## Nexelec



Presence



Luminosity



Noise



Temperature



Humidity

### Sound under control

Measures noise and identifies noise pollution. Helps preserve a calm and peaceful environment

### Temperature / Humidity

For better indoor comfort. Measures ambient parameters in offices or homes

### Detects and measures ambient light

The brightness sensor measures the amount of light in the room. Useful for controlling lighting or adjusting temperature more quickly according to sunshine levels

### Reliable data transmission

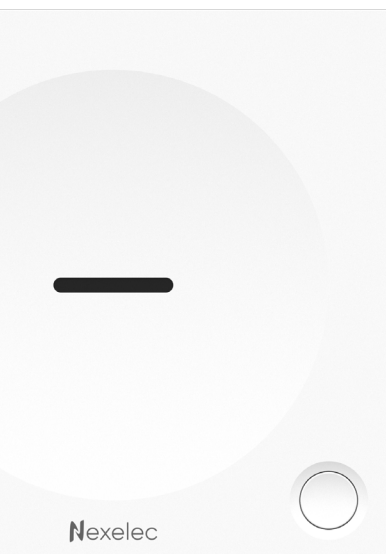
Transmission modes adapted to every need, with redundant transmissions for high availability of critical data

### High-performance battery

Operates on replaceable lithium batteries. Up to 20 years<sup>(1)</sup> of autonomy

### Design

Facilitates product acceptance by occupants

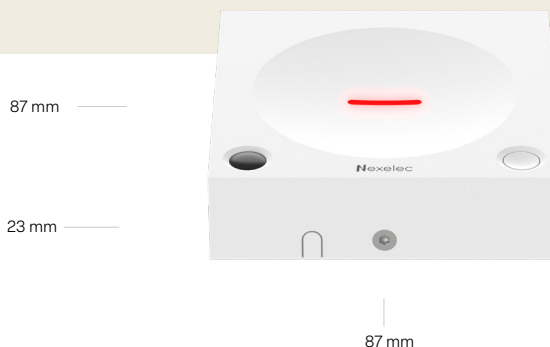


# MOVE

5-in-1 room sensor

Nexelec

www.nexelec.eu



Net weight: 150 g (including battery)

Reference	Radio	Frequency
X590LS	LoRaWAN - Sigfox	EU868MHz - RC1
X590LR	LoRaWAN	US915 MHz
X590LR_AU	LoRaWAN	AU915 MHz
X590LR_IN	LoRaWAN	IN865 MHz

## FUNCTIONS



### Calibration certificate

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



### Easy to configure

Easy product adjustment via contactless NFC technology from a smartphone



### Instantaneous measurement

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



### Anti-theft protection

Lockable mounting base reduces risk of sensor removal



### Easy to install

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



### Anti-tear detection

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



### 270° Air

Numerous side openings for better ambient air analysis



### Insect barrier

Product-integrated pest screen



### Enhanced cyber security

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

## CARACTÉRISTIQUES



### Presence

Technology: Passive infrared (PIR)  
Angle: 92° (Vertical and Horizontal)  
Detection distance: 6m



### Luminosity

Res.: 5 lux  
Prec.: ±5 lux  
Measuring range: 0 - 5 000 lux



### Noise

Res.: 1 dB  
Prec.: ±5 dB  
Measuring range: 35 - 120 dB



### 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.

### 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

### Connectivity\*



### Power supply

2 battery slots

### Certification\*



### Mounting type

Wall-mounted or free-standing

### Box content

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

Mostly recyclable product

### 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