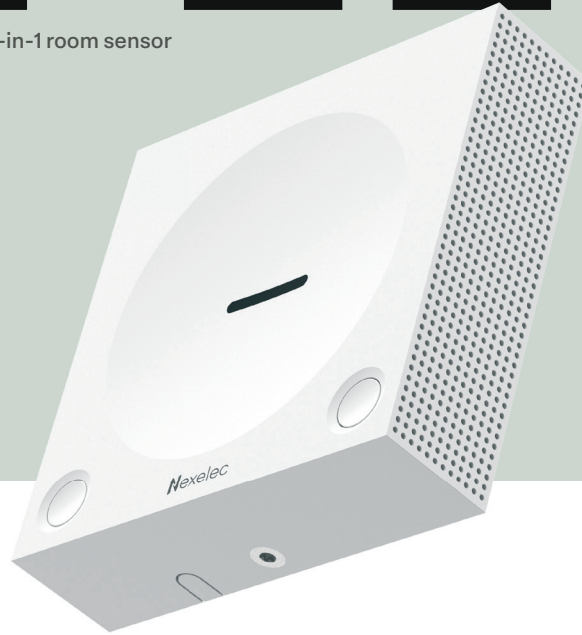


# FEEL

2-in-1 room sensor



Nexelec

www.nexelec.fr

## Connected



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

## Temperature / Humidity



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

—  Temperature

—  Humidity

### Design

Facilitates product acceptance by occupants

### High-performance battery

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

### Calibration certificate

Accuracy of temperature and humidity measurements validated by an accredited metrology laboratory

### Anti-tear detection

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

### 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)

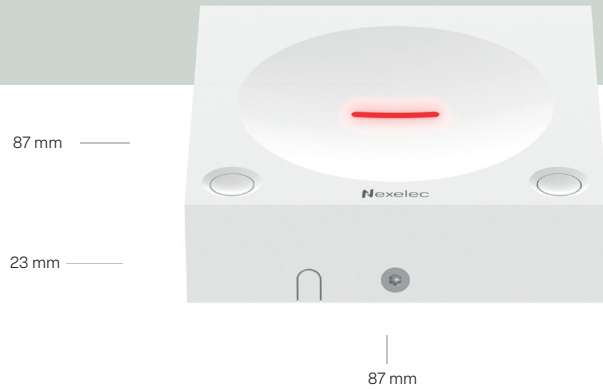


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Net weight: 150 g (including battery)

Reference	Radio	Frequency
X580LS	LoRaWAN	EU868 MHz

## FUNCTIONS



### 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



### 270° Air

Numerous side openings for better ambient air analysis



### Insect barrier

Product-integrated pest screen



### Reliable data transmission

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



### Enhanced cyber security

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

## FEATURES



### 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.



### Connectivity



### Power supply

2 battery slots

### Conditions of use

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

### Mounting type

Wall-mounted or free-standing

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

2 years

### Box content

1 sensor  
1 battery included (an additional battery can be added to double the product's autonomy)  
1 mounting base  
2 nylon screws and plugs  
1 3M® adhesive fastener

### Certification



Mostly recyclable product

### Data transmission mode

Periodic  
Grouped data (datalog) with transmission redundancy

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