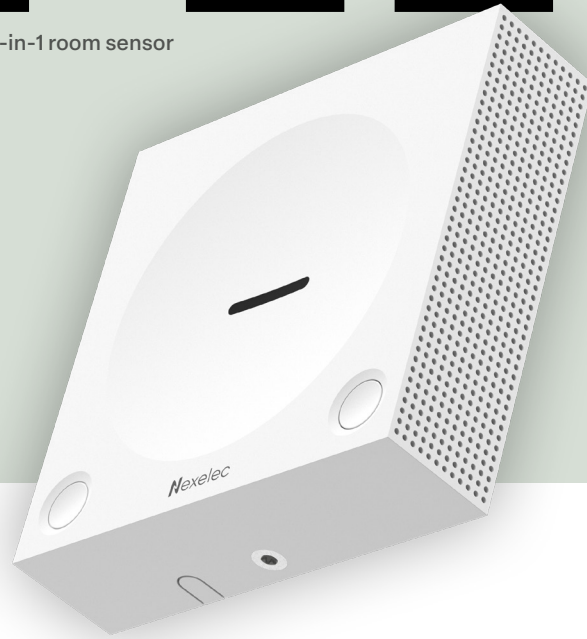


FEEL

2-in-1 room sensor

Scan or click to
discover product in
details



Connected



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


Nexelec

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⁽¹⁾ of autonomy

Calibration certificate

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

Anti-tear detection

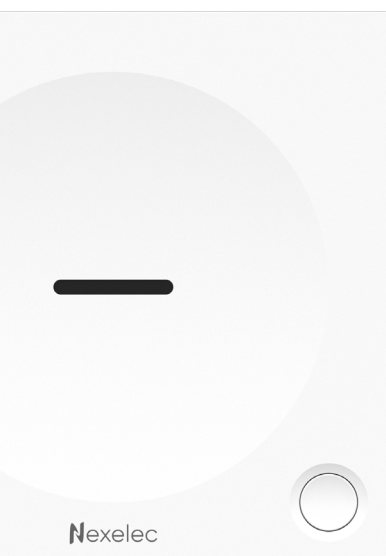
Triggers an alert message if the product is removed from its mounting base

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)



FEEL

2-in-1 room sensor

Nexelec

www.nexelec.eu

Reference	Radio	Frequency
X580LS	LoRaWAN - Sigfox	EU868 MHz / RC1
X580LR	LoRaWAN	US915 MHz
X580LR_AU	LoRaWAN	AU915 MHz
X580LR_IN	LoRaWAN	IN865 MHz



Net weight: 150 g (including battery)

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⁽²⁾

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

⁽¹⁾ Battery life is not guaranteed and may vary according to settings and product use. ⁽²⁾ Please refer to the information available on www.support.nexelec.fr *Available according to reference