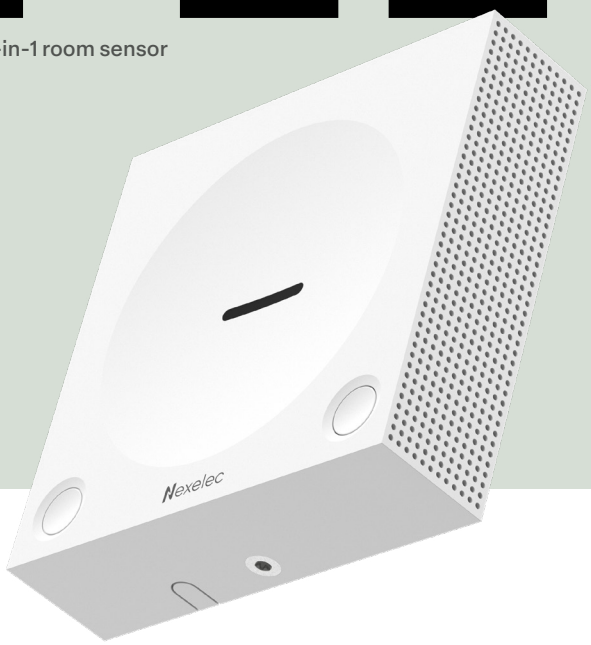
FEEL

2-in-1 room sensor



Discover product in details

Nexelec

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

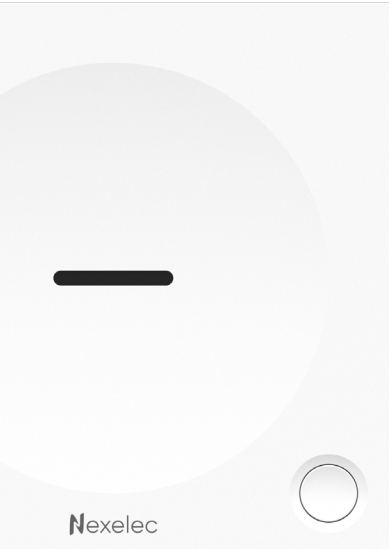
Facilitates product acceptance by occupants

High-performance battery

Operates on replaceable lithium batteries. Up to 20 years[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

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
LoRaWAN sigfox

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
UK CA CE

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 use [2]Please refer to the information available on the www.support.nexelec.fr website