PILOT

Temperature and Humidity Sensor
Indoor Air Quality Monitor

INSAFE+ Pilot is a new generation connected temperature and humidity sensors.

Thanks to its edge computing architecture and IZIAIR embedded algorithm, INSAFE+ Pilot calculates an indoor air quality index to help you take the appropriate actions.

Pilot is also a connected push button that enables to automate actions and take control of various connected devices and services. It is an ideal product for commercial buildings, collective housings and technical areas.

PRODUCT BENEFITS

- 2-in-1 temperature and humidity sensor and Indoor Air Quality monitor
- IZIAIR Indoor Air Quality Index
- Wireless sensor for easy and fast installation
- Up to 10-year battery life for the product and wireless connection
- Elegantly designed detector that blends in with any decor

APPLICATIONS

- Indoor air quality control in residential or commercial environment
- HVAC control
- Enhancement of building energy efficiency
- Development of new services: home care, home support, well-being, heating cost savings, etc.

INSAFE+

Connected

PILOT

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INSAFE+

■ FEATURES

Basic features

- Measurement of temperature and humidity every 10 minutes
- Sending of data at each significant change

Advanced features

- IZIAIR indoor air quality index (5 levels)
- NFC antenna for a complete product customization via Nexelec smartphone application
- Functional self-test (every 10 min.)
- Residual battery life
- Permanent "keep alive" status
- Recommendations and user actions to improve comfort and indoor air quality

■ CHARACTERISTICS

Sensors and measurements

- Temperature. Resolution : 0,2°C
- Humidity. Resolution : 1% RH

Transmission frequency

- On threshold
- On configurable time period
- On configurable alarm trigger

Power supply

- Integrated and sealed lithium batteries

Battery life

- Up to 10 years according to wireless protocol and environment

Dimensions : L 105 mm x W 105 mm x H 30 mm

Net weight : 200g (including battery and base)

Conditions of use

- Indoor household environment
- Temperature: 0°C to + 50°C
- Relative humidity: 0% RH to 95% RH

Type of mounting

Wall-mounted

Wireless protocols

- EnOcean
- Zigbee
- Sigfox
- Lora

Other wireless protocols studied on request

Connection

Product data directed to dedicated IoT platforms

■ ARTICLE REFERENCE

I880

■ CONTENT OF THE BOX

- 1 INSAFE+ Pilot device
- 1 wall-mount bracket
- 2 screws and nylon wall plugs
- 1 instruction manual

■ CERTIFICATION

CE Certificate

■ WARRANTY

2 years

nexelec

CE