PILOT

Energy Monitoring I Indoor Air Quality

Temperature, Humidity

Pilot is a connected sensor for measuring temperature and relative humidity.

Thanks to its many features and advanced technical configuration possibilities, this IoT sensor meets all the requirements of professionals in commercial and residential buildings.

Pilot integrates the iZiAiR air quality and hygrothermal comfort algorithm to easily study each indoor environment and identify possible improvements.

Thanks to its wireless communication module, data can be accessed remotely, simply from a smartphone or a computer screen *.

PRODUCT BENEFITS

- Lithium batteries, autonomy 10 years **: no repeated battery change, no electrical connection required
- Fully configurable locally by NFC or remotely by downlink
- Design and compact to fit into any interior
- Robust product totally sealed and cannot be dismantled
- Anti-theft fixing device for wall mounting
- Quick and easy installation
- No maintenance required

APPLICATIONS

- Monitoring of ambient parameters in commercial and residential buildings

* Optional subscription fees may apply ** Lifetime for standard use. Battery life may vary

PILOT

FUNCTIONS

- Measurement of ambient parameters
  - o Temperature
  - o Relative humidity

- Central button
  - o Short press: programmable action
  - o Long press: instantaneous measurement and transmission

- Configuration and diagnostics of the product locally (NFC) or remotely (downlink)

- **iZiAiR** Indoor Air Quality Index

  Very good

  Average

SPECIFICATIONS

Temperature
Resolution: 0.1°C
Accuracy: ±0.3°C
Measurement range: -30°C / +70°C

Humidity
Resolution: 0.5% R.H.
Accuracy: ±2% R.H.
Measurement range: 0 - 100% R.H.

Frequency of measurements
- Every 10 minutes (configurable)

Data transmission mode
- Real time
- Datalog (gather measurements in a single message)
- Alerts on threshold

Network pairing / Operation / CO_2 indicator
3x LED: Green / Orange / Red

Power supply
3x integrated lithium batteries (5850 mAh)

Battery life
10 years in typical use

Dimensions: 105 x 105 x 30 mm

Weight: 120g

Conditions of use
Indoor environment
Temperature: 0°C to + 50°C
Relative humidity: 0% RH to 95% RH

Type of mounting
Wall-mounted

Wireless protocol
- LoRaWAN (868 MHz)
- Sigfox (RC1)
- EnOcean (868 MHz)
Other wireless protocols studied on request

PRODUCT REFERENCES

Pilot (LoRaWAN) : I880LR_FND_S

Pilot (Sigfox) : I880SF_FND_S

Pilot (EnOcean) : I880EO_FND_S

CONTENT OF THE BOX

- 1 device
- 1 anti-theft wall bracket
- 2 screws and nylon wall plugs
- 3M® double-sided adhesive attachment

CERTIFICATION

CE