

# Temperature and humidity monitoring **IQAROS**



## **IQAROS wireless system**

It measures the **temperature** and **relative humidity** of the environment. The set is **ready to use** - only place the sensors where you want to measure the parameters, set the limits for monitored values and start collecting data.

In case the limit is **exceeded** you will be **notified** immediately with an **e-mail**.

You will also get electronically signed **reports** with data summary for a selected period of time with **daily** or **weekly** frequencies.

The sensors are **battery-powered** with more than 15 years life expectancy (min. **7 years** of manufacturer's guarantee).

## **Sensors**



**Industrial**



**Industrial Pro**



**Industrial X**

## **Transmission infrastructure**



**IQUBE Gateway**



**Repeater**

## 3D monitoring



Temperature and humidity depend on many factors such as the height of the location or the placement of the doors or windows. South-facing windows can significantly change the temperature. With our wireless system, you have the freedom to place the sensors wherever it is necessary to measure the parameters in a most effective way and if needed easily change their location without the need to use expensive cabling.

## Place and Play

The system is not only equipped with sensors but also with pre-configured wireless infrastructure to transport data (gateways and repeaters). Just follow easy installation steps when starting the system and you will be ready to go to measure the parameters.

## Locally autonomous with possible connection to cloud

You do not need any additional paid service to operate the system. Everything is locally autonomous. However, if you want to access the system remotely or use some advanced functions (for example, run a customized dashboard, SMS notifications), the IoT gateway can be connected to cloud services using standard protocols (MQTT).

## Alerts when limits are exceeded and regular reports

You set the minimum and maximum for temperature and humidity, and when they are exceeded, you can receive an email alert. At the beginning of each day and week, you will receive an electronically signed summary report, which contains information on compliance or non-compliance with the set limits. You have all the needed documents for later check or to show the right storage conditions for your customer.

## Extensibility with other sensors

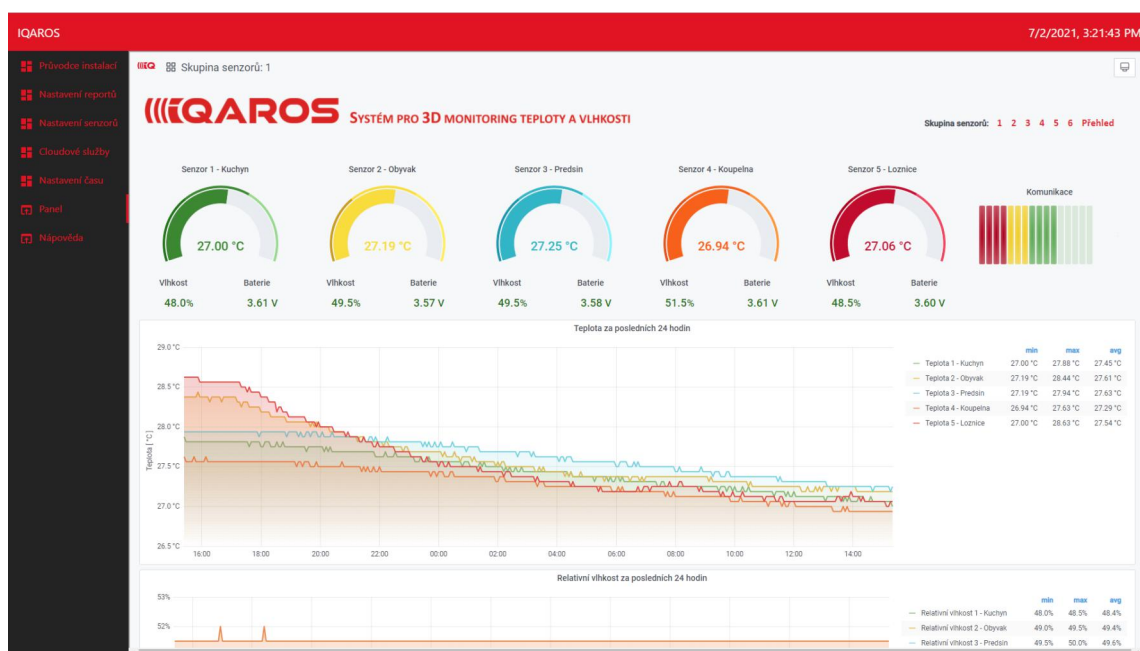
Do you need to monitor other parameters in addition to temperature and humidity? There are other sensors and actuators in the IQRF ecosystem that can be added to the system.

## Price

It depends on the size of the set. We offer some sets at a discounted price - see [www.iqaros.eu](http://www.iqaros.eu).

For your reference, sensors start at €57, gateways at €149, and repeaters at €100.

(prices exclude VAT)



Set configuration and visualization of measured data

