

iMonitor

IoT temperature monitoring





Looking for increased efficiency, lower costs and reduced risk? Automate your manual temperature checks with iMonitor's wireless monitoring sensor.



Real-time environmental monitoring with iMonitor

iMonitor's IoT device offers wireless remote temperature measurement in real-time for food and pharmaceutical manufacturers, logistics companies, food retailers and hospitality businesses as well as pharmacies. The all-weather device can monitor ambient temperatures in cool stores, refrigerators, freezers, dehydrators, or drying rooms.

Remote real-time monitoring of quality metrics, like temperature, humidity or pressure, allows you to reduce costs and business risks significantly. Real-time alerts enable immediate corrective actions in case of critical deviations from pre-set thresholds.

The superior infrastructure penetration of the state-of-the-art IoT radio provides coverage where most other devices fail. Designed to operate at ultra-low power, iMonitor's wireless sensor offers extensive battery life removing the need for maintenance.

Main benefits of iMonitor's wireless remote sensor

Reduce waste and inventory loss	Eliminate manual monitoring and paperwork	Increase efficiency
24/7 alerts	Data integrity	Integratable with iMonitor's software

How it works

iMonitor's wireless remote monitoring sensor is an IoT device that measures ambient temperature automatically. The wireless device generates real-time data without the need to be plugged into a computer to read the recorded data like dataloggers. Simply place the device in the relevant location and enable fully automated live monitoring of your quality metrics.

iMonitor's sensor is designed to send live data to a cloud if it is in range of an iMonitor gateway, enabling real-time insights into temperature performance. Being able to data log for up to two months and having a battery life of up to nine years, the device can be claimed to be fail-proof.


The device is easily extendable with a selection of sensor heads to monitor various other quality metrics, such as humidity, pressure, or light, to name a few.

Additional sensors integrable with iMonitor's wireless sensor

Monitor any quality metrics remotely and in real-time with iMonitor's modular wireless monitoring system. iMonitor's smart IoT sensor serves as the basic module that is expandable with various other sensor heads specifically designed to your business needs. Simply plug the specific sensor extension into the sensor.

Features

- 5 Years Battery Life (@ 5 Minute Reports)
- Operation Temperature from -30°C to +80°C
- Reporting interval down to every 30 seconds
- Temperature accuracy $\pm 0.25^{\circ}\text{C}$ (typical)
- 5km line of sight radio communication
- Adjustable radio strength for application
- Water and dust resistant, UV stabilised
- External probe configurations available
- External sensor extensions available for remote monitoring of various other quality metrics
- IANZ certified
- RoHS Compliant Components and Production



The easy way to stop waste and inventory loss, free up your teams for other tasks and protect your reputation. Find out more today.



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