



# TempGuard

## SMART TEMPERATURE METER WITH TWO EXTERNAL PROBES

TempGuard is a temperature metering device for demanding surroundings and comes with Sigfox IoT-network and long operating time. The device is equipped with two external temperature sensors and one internal temperature sensor.

External temperature sensors can be freely installed, for example inside refrigerator, concrete, air duct or different building materials. Sensor cables can also be purchased separately and the central unit is re-usable.

TempGuard is easy to install, it does not require a different internet connection. It is maintenance free and the worldwide Sigfox IoT-network guarantees low lifetime cost. TempGuard is a perfect solution for environments demanding long operating time and low lifetime cost.



IoT-solution is  
based on Sigfox-  
technology.



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about our services  
and solutions  
**genano.com**

## Technical information

|                              |   |
|------------------------------|---|
| Casing                       | P 67 ASA-plastic, for indoor and outdoor usage              |
| Case size, weight            | 94 x 94 x 44 mm, 350 g                                      |
| Attachment                   | Screw/cable tie/adhesive tape                               |
| Internal temperature sensor  | Silicon Labs Si7055   |
| External temperature sensors | Maxim Integrated DS18B20, 5 meter cables, M8 joints (2 pcs) |
| Battery lifetime             | 5 years   |
| Measuring range              | -40...+85 °C  |
| Accuracy                     | +/- 0.5 °C  |
| Measurement interval         | Every 30 mins   |
| Connectivity                 | Sigfox 868 MHz tai 902...928 MHz                            |
| Certifications               | CE, Sigfox  |

## Clear interface



Genano offers easy and affordable IoT-solution for measuring indoor air quality from a handset all the way to a clear and easy-to-use user interface. Our service provider offers a simple and flexible method for presenting, controlling, analyzing and further processing the data.

Genano – Pure Air. Nothing Else.