

SMART TEMPERATURE  
METER WITH TWO EXTERNAL PROBES

# Connected TempGuard

Connected TempGuard is a connected temperature metering device with two external temperature sensors and one internal temperature sensor. It has a long battery life of five years.

The device measures and sends the temperature measurements once in every 30 minutes. TempGuard uses worldwide Sigfox IoT-network for data transmission, enabling very low lifetime cost.

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. Versatile, connected, maintenance free, ultra low cost, powerful, accurate - perfect solution for temperature measurements in demanding environments.



- *Casing: P 67 ASA-plastic, for indoor and outdoor usage*
- *Size: 94x94x44 mm*
- *Weight: 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: C 3,6V 9 000 mAh (replaceable)*
- *Battery lifetime: 5 years*
- *Measuring range: -40...+85 C*
- *Measurement interval: Every 30 mins (configurable)*
- *Accuracy: +/- 0.5 °C*
- *Connectivity: Sigfox 868 MHZ or 902...928 MHZ*
- *Operating zone: Sigfox RCZ1, RCZ2 and RCZ4*
- *Certifications: CE, Sigfox*
- *Warranty: 1 Year*
- *Product code: CITGD-3003-R3 / CITGD-3203-R3 / CITGD-3403-R3*

