

SMART TEMPERATURE AND HUMIDITY  
METER WITH TWO EXTERNAL PROBES

# Connected TwinGuard

Connected TwinGuard is a connected temperature and humidity metering device with two external sensors. It has a long battery life of five years.

The device measures and sends the temperature and humidity measurements once in every 30 minutes, the interval can be configured remotely via the network. TwinGuard uses worldwide Sigfox IoT-network for data transmission, enabling very low lifetime cost.

External temperature and humidity sensors can be freely installed, for example in 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 and humidity 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*  
*External temperature sensors: Sensirion SHT31-ARP, 5 meter cables, M8 joints (2 pcs)*
- *Battery: C 3,6V 9 000 mAh (replaceable)*
- *Battery lifetime: 5 years (with 30 mins sending interval)*
- *Measuring range: -40...+85 °C*
- *Accuracy: +/- 0.3 °C, +/- 2% RH*
- *Measurement interval: Every 30 mins (configurable)*
- *Connectivity: Sigfox 868 MHz or 902...928 MHz*
- *Operating zones: Sigfox RCZ1, RCZ2 and RCZ4*
- *Certifications: CE, Sigfox*
- *Warranty: 1 Year*
- *Product code: CS-TWG-1*

