

HWg-Tg11

GSM thermometer with temperature logging and alerting over SMS and e-mail (GPRS)

Tg11 is an effective solution for reporting alerts from and temperature logging in remote places or in vehicles.

Stainless steel temperature sensor with a 3m silicon cable measures temperatures from **-30°C to +125°C**.

- When the temperature leaves a defined safe range, Tg11 rings a preset number and sends a warning SMS.
- Temperature readings are logged every 15 minutes. The entire log is e-mailed over GPRS every 4 hours.
- Tg11 cooperates with the SensDesk web portal. Past values and alert responses are archived on a central server. Connection to the SensDesk portal is available as a subscription-based service.



Applications

- **Food industry:** Tg11 will help you maintain HACCP compliance. No special software is needed to produce HACCP protocols from Tg11. Simple solution for temperature monitoring in restaurants as well as large canteens.
- **Medical:** Tg11 is an effective solution for temperature monitoring. Tg11 can be used as a stand-alone solution, or integrated into an existing monitoring and alerting system. Tg11 supports the supplied software, which can be connected with Poseidon or Damocles IP monitoring products.
- **Vehicles:** Tg11 communicates over GSM, it can be used in international transport.
- **IT:** Tg11 is a stand-alone solution for monitoring temperature in the environment of your technology. GSM thermometer Tg11 is easy to use, simply set it up and receive SMS and e-mails. No complex monitoring application is needed.

Alarm notification

- SMS
- RingOut
- Email

Status request

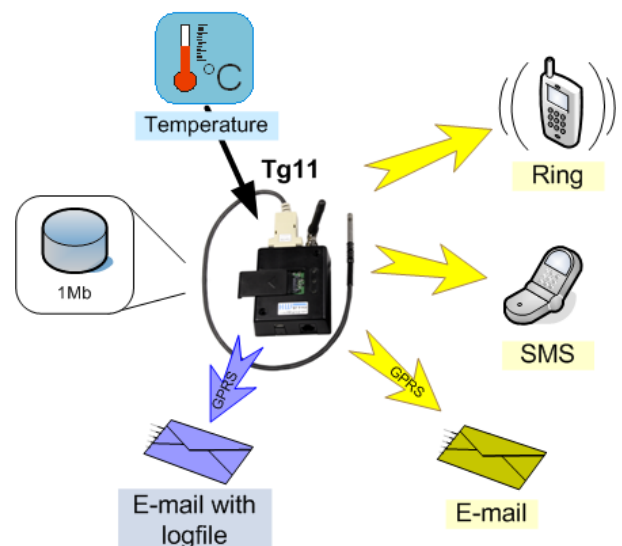
- SMS
- Ring-In

Log report

- E-mail attachment

Log request

- SMS



Communication channels

- **Configuration options**
 - **Tg11 Config** application for Windows
 - Device setup
 - Read/write device configuration
 - GSM carrier profile setup
 - SMS interface (commands over SMS)
 - Request device status
 - Alarms On/Off
 - Change alarm triggers
- **Possible alert responses**
 - SMS sent to 2 numbers
 - An alarm number is dialed
 - E-mail via GPRS to a defined address
- **Log delivery**
Sent periodically every 4 hours, as long as GPRS connection is available.
 - SMS log
 - E-mail log
- **Time synchronization:** Automatic over NTP


Basic features

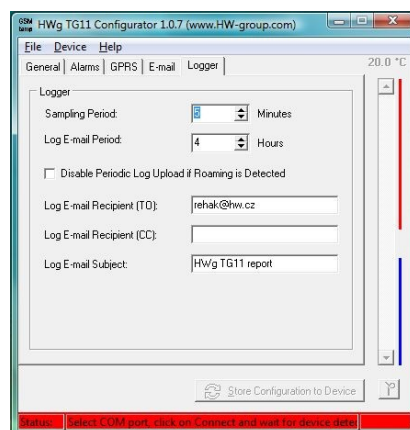
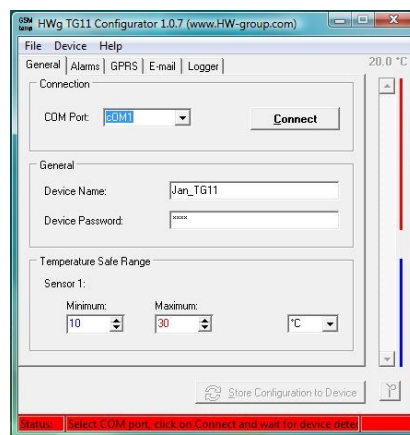
- Temperature of the sensor is continuously measured and safely stored even when the GSM network is down or faulty
- Temperature is shown in °C / °K / °F
- Flash memory for readings: **1 Mb** / 10 years
- Logging period: 15 minutes
- Fully controllable just with a GSM phone
- Device status request available by sending a SMS or dialing a call
- Reaction to alarm in 15 seconds
- Comfortable product management with a Windows-based utility

Design

- Device dimensions: 77 x 67 x 26 mm
- Power supply: 12V / 1.5A, RJ12
- Operating conditions: 5..50°C / 20..80% RH
- Measured range: -30°C to +125°C

Special features

- HWg Temp Tg11 is an active solution – proactively sends logged data, quickly analyses critical temperatures and automatically alerts responsible personnel.
- To analyze logged data, any e-mail account can be easily used.
 - Logged data can be parsed from emails and converted to the MS Excel.
- With the **SensDesk** portal service, the entire temperature monitoring and HACCP processing can be outsourced. 
- Compatible with Windows **CapTemp** application. CapTemp logs readings to internal database and allows advanced alerting and reporting for ISO and HACCP quality control.



OID – Ordering number

600 323	HWg Temp GSM Tg11	Basic Tg11 set (Tg11 unit, GSM antenna, power adapter, temperature sensor, CD, Starting Guide)
----------------	--------------------------	--