

HWg-Tg11

GSM based temperature alert and logging device with SMS & Email output

Tg11 is an effective solution for temperature alarming and logging temperature on remote places or in vehicles.

- Tg11 have temperature sensor on 3m silicon cable can operate -30°C to +140°C.
- When the temperature value reaches defined Safe Range, warning SMS and alarming ring-call is managed to predefined phone number.
- Temperature value is logged every 15 minutes. The whole log is sent via GPRS as the Email every 4 hours.
- The temperature can connected to the SensDesk web portal to operate with measured values.
- It can be installed and controller fully only thought GSM phone, no computer required.



Applications

- **FOOD:** Tg11 is the right options to help you maintain HACCP Compliance. You don't need any special software to produce HACCP protocols from TG11. It's really easy to use solution for food service environments from restaurants to big institutional kitchens.
- **Medical:** Tg11 can be a cost effective medical solution, real time temperature monitoring and alerting system that can accommodate any size organization. Whether the need is for a dispersed multi facility hospital system, a single clinic or visiting nurse office. It can be also integrated with Ethernet based Poseidon monitoring devices.
- **Vehicle:** Tg11 is based on GSM, so it can be used in international traveling vehicles. There are options to reduce log reporting costs out of your domestic GSM operator.
- **IT:** Tg11 is simple to use solution to monitor temperature of environment, where is running your sensitive technology. It's extremely easy to use TG11, just setup and receive SMS and Emails. None complicated monitoring application required.



Alarm notification

- SMS
- RingOut
- Email

Log report

- Email attachment

Log request

- ◀ SMS

Status request

- ◀ SMS

Communication channels

- **Device configuration possibilities**
 - Win based Tg11 configurator application
 - Setup device
 - Read/Write device configuration
 - Setup your GSM operator profile
 - SMS command interface
 - Request status of device
 - Enable Alarming, Change triggers
- **Alarming channels**
 - SMS alert to alarm number
 - RingOut call to alarm number
 - Email to alarm address
- **Log Delivery**
Sent periodically every 4 hours, when connection available.
 - SMS log
 - Email log
- **Time synchronization:** Automatically NTP

Basic Product Characteristics

- Temperature of the sensor is continuously measured and safely stored even when the GSM network is down or faulty.
- External sensor -30°C to +140°C on 3m silicon cable in stainless steel coverage.
- Flash memory for values: **1 Mb** / 10 yrs
- Logging period 15 minutes
- Fully operable just thought GSM phone
- Device status request available from SMS and ring from Alarm number.
- Alarm reaction in 15 seconds.
- Comfortable device management over Windows based setup program.

Mechanical / Electrical / Environmental

- Device dimensions: 77 x 67 x 26 mm
- Power supply: 12V / 1.5A, RJ12
- Device temp / humidity: 5..50°C / 20..80% RH

Special Features

- HWg Temp Tg11 is an active solution – actively sends logged data, fast analyses critical temperature and automatically alerts related staff.
- To analyze logged data can be simply used any Email account.
 - Logged data and be easily parsed from emails and transferred to the MS Excel.
- In cooperation with SensDesk portal service can be whole temperature monitoring and HACCP processing outsourced.

Product order numbers

600 323	HWg Temp GSM TG11	Basic TG11 set (TG11 unit, GSM Antenna, power adapter, Temperature sensor, CD, Starting Guide)
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