

## SECURITY. ANYWHERE, ANYTIME.

### Mobile GSM Temperature Sensor

## Monitor the temperature

The Mobeye Mobile GSM Temperature Detector enables the user to receive reports on temperature deviations. It is even possible to program actions on alarm, like switching a device.

The Mobile Temperature Detector is completely self-supporting with a built-in GSM module. The low power design makes the temperature detector run for over a year on one set of batteries.

The Mobeye GSM Temperature Detector measures the temperature and compares it with the programmed value. The user may adjust the temperature limits himself and indicate the detectors' reactions on limit transgressions.

The unit may be used as a temperature detector and as a thermostat.



#### Typical applications

Any place where traditional temperature detectors do not suffice, like void property, storage areas, computer rooms, basements, holiday houses, boats, etc

#### Unique features

- alarm by GSM (SMS/call)
- switching of outputs relays
- thermostat function
- autonomous power supply (battery life time > 1 year )
- easy user interface

## Possible actions

- alarm reports by SMS and/or call
- temperature alarm reports by SMS or telephone call
- repeat reports after personally selected period
- reinstatement reports by SMS and/or call
- switching of the output relays on alarm (on/off or time period)
- switching of the output relays on reinstatement report (on/off or time period)
- test reports on selected frequency
- battery low reports

## Versions available

- Sensor(s)**
- internal temperature sensor
  - external temperature sensor
- Power supply**
- low power (4x CR123 batteries)
  - 12V (with back-up battery)

## Technical data

<b>GSM/GPRS</b>	Quad band EGSM 900/1800 - 950/1900 Mhz	
<b>Features</b>	Security	Password protection for connection, switching and configuration
	Alarm functions	Triggered by water based fluids: send SMS and/or call, trigger outputs
	Configuration	SMS and keypad
	SMS status messages	Low battery, optional: 'keep alive' messages
<b>Output</b>	2 outputs (programmable)	
<b>Dimensions</b>	90 x 145 x 45 mm	
<b>Power supply</b>	4x CR123 (lifetime > 1 year) <sup>1</sup>	
<b>Environmental temperature</b>	-10° C ... 55° C	
<b>Complies with</b>	ETSI EN 301 489-1 V1.5.1, ETSI EN 301 489-7 V1.2.1, ETSI EN 301 511 V9.0.2, CENELEC EN 60950:2001	

1) in case of 1 SMS/day, depending on environmental temperature

## About Mobeye

### The company

The company Mobeye is specialized in high tech GSM alarm and telemetry technology. Mobeye products are characterised by an extremely low power consumption. Mobeye aims to design products that improve the quality of everyone's safety and comfort.

### Mobeye Mobile GSM Sensors

The GSM Temperature Sensor is one of the innovative products in the Mobeye Mobile GSM Sensors product line. Each sensor works entirely autonomously and is always alert to pass on reports directly via the built-in GSM module. Because of the low power design and the built-in batteries the units are completely self-supporting.

**With the Mobeye GSM  
Temperature Sensor  
no freezing or heating  
remains unobserved!**



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Product design and specifications are subject to change without notice