MOBEYE
THERMOGUARD

Mobeye CM2200

Monitoring of ambient temperature limits.
Get notified via phone call, SMS text message and e-mail.

Prevent damage due to frost or overheating. Set the minimum and / or maximum temperature limit and let the Mobeye ThermoGuard monitor the ambient temperature.

The Mobeye ThermoGuard is equipped with an external digital temperature sensor. As soon as the measured temperature deviates from the set limits, a warning will follow, which also states the measured temperature.
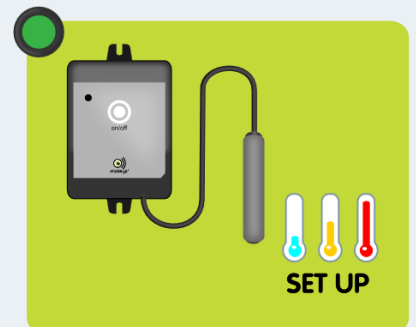
The Mobeye ThermoGuard alerts with a telephone call, SMS and / or e-mail via the integrated GSM module. 'Confirmation' by the receiver will ensure that other contacts will not receive a call.

Various setting can be set up easily, such as the temperature limits, switch-off times, alarm delays, calibration values, own alarm texts, etc. The unit is also able to send test messages, which include the ambient temperature, at a self-chosen interval.

The Mobeye ThermoGuard runs entirely on batteries for more than a year. Upon a low battery voltage it will send a notification. When using an external power supply (12 VDC or mains), it can also send "power failure" notifications. It has two additional inputs. By connecting an external sensor all kinds of situations can be monitored, such as a machine process or the closing of a door.

Mobeye ThermoGuard.
The easiest way to be alerted!

SET UP

Temperature Alarm

mobeye®

Mobeye Internet Portal & SIM service

By registering the included multi-provider Mobeye SIM card and the Mobeye CM2200 online, user convenience is added and additional features become available. The portal distinguishes between alarm messages and service reports. The contact persons receive messages by call, text message and / or e-mail. The portal facilitates online programming and displays the status, such as the alarm status, network strength and history. The "keep-alive" monitor offers extra security by monitoring test reports. If a test report is not sent on time, the (service) contact persons will receive a warning message from the portal.

Mobeye ThermoGuard Technical data

Inputs	• 1x digital input for temperature sensor • 2x dry input (NO or NC) • 12 VDC
User interface	• Switch button • 1x status LED
Dimensions	• 80 x 60 x 40 mm

(Alarm) messages	• Alarm messages via call, SMS, and/or e-mail*:
	confirmation by receiver of alarm is possible, so the next contact person does not receive a call
	  • when the temperature is exceeding the set limits
	  • when an input is activated
	  • when the external power fails and after power recovery
	• Warning messages via SMS and/or e-mail*:
	  • when the internal battery voltage is low
	  • in the situation of a missed test report ("keep alive")
	    (without using the portal: test notifications via SMS)

Reports	• Status reports, settings report, GSM network strength, position data at last event (cell-id)*
Security	• PIN code security for configuration

Configuration	Programming is done online in the Mobeye Internet Portal (or without Portal: via text messages):
	  • telephone numbers (max. 5, unlimited number of SMS / e-mails when using the Mobeye Internet Portal)
	  • min. and/or max. measurement range between -35 ⋯ +70 °C
	  • identification and alarm texts, alarm delay times, alarm repeat times
	  • inputs as NO or NC
	  • display and configuration of temperature in °Celsius or Fahrenheit
	  • temperature calibration (in decimals)
	  • automatic arming and disarming schemes; *two schemes possible, to be assigned to days of the week*
	  • locking of on/off button possible
	  • frequency of test messages

Temperature sensor	• 1 meter cable (flat and round extension cables available as accessory) • Accuracy: 0,5°C between -30 °C and +55 °C, 1 °C outside these values
Power supply	• 2x CR123 lithium batteries (included) or • 12 VDC (or power adapter) + 2x CR123 lithium batteries
Battery lifetime	• > 1 year at normal use (battery operated) • > 3 years at normal use (ext. power supply)
GSM/GPRS	• Quad band EGSM 900/1800 - 850/1900 MHz

* e-mail function only possible when using the Mobeye Internet Portal

About Mobeye

The company Mobeye is specialized in high quality 2G/3G/4G/LoRa alarm and telemetry technology. Mobeye products are characterised by configuration flexibility, user friendliness and an extremely low power consumption. Mobeye aims to design and market products that contribute to a safer world for its customers.