

MOBEYE THERMOGUARD TWINLOG CML2255



Log, Alarm and Report temperature values

Mobeye CML2255



Continuous measurement of ambient temperatures.
Two temperature sensor inputs.



Alarm upon violation of user-defined (minimum/ maximum) temperature limits.



Logging of temperature values, synced in cloud-based portal. User-defined log and sync intervals.



Battery operated; battery life time >1 year at daily reporting.
Longer lifetime possible.



If powered externally, monitoring of the power source and alarming at power failure is possible.



Manual or time-based arming and disarming.



NO/NC inputs for additional alarm options, such as a 'door open' notification.



Internal piezo siren for alarm indication.
Additional output for activating an external device.

The Mobeye ThermoGuard TwinLog is a compact remote monitoring unit for reporting and logging of temperature values.

When user-defined minimum and/or maximum temperatures are violated, the ThermoGuard TwinLog will immediately send alarm notifications. The measured values can be logged and viewed in the (optional) web-based portal.

The CML2255 has an integrated GSM module and is designed to run on batteries. When powered by an external source, it also serves as a power failure alarm.

Mobeye Internet Portal

After inserting a SIM card and a simple set-up, the CML2255 is ready for sending alarm notifications. Equipped with a Mobeye SIM card and registered in the Internet Portal, more functions are available:

- Logging of temperature values (user-defined intervals)
- Programming via portal
- Forwarding of messages to 'alarm contacts' and 'technical contacts' (call/SMS/e-mail)
- Monitoring of 'keep alive' (test) messages

Alarm and alarm restore reports via call, sms and e-mail*

- Temperature alarm
- Activated NO/NC input
- External power failure

Logging of temperature values*

- User-defined log interval
- User-defined data transfer interval (sync)
- Historical values, status, download options

Notifications

- Low internal battery voltage
- 'Keep alive' message at user defined interval
- Exception message if 'keep-alive' was not received timely*

Reports and status overviews

- Actual temperature
- GSM signal strength
- Status and settings

Options

- Min. and/or max. measurement range, per sensor: -35...+70 °C
- 5 phone numbers
- Alarm texts
- Alarm delay times
- Temperature calibration
- Siren on/off

Arm and disarm

- Time-based arming and disarming with two schedules

When battery operated

- Fully autonomous operation when battery powered
- Battery life > 1 year (even in case of a daily report)

* features in combination with Mobeye Internet Portal



Mobeye CML2255 Technical Data

Content	• main unit, integrated GSM module, 1 external temperature sensor 2x CR123 batteries
Inputs	• 2 for digital temperature sensors • 2 (NO or NC) inputs for magnet contact, failure signals, etc.
Output	• 1 output (open collector 200 mA). Activated after alarm or incoming SMS (pulse time or 'switch')
Dimensions	• 80 x 60 x 40 mm • temperature sensor cable: 1 meter
Configuration and reports	• minimum and/or maximum temperature (-35 °C ... + 70 °C) • display and configuration of temperature in °Celsius or Fahrenheit • temperature value log interval (1 ... 999 minutes) • temperature log values transfer interval to Internet Portal (1 ... 999 hours) • alarm delay times, time-based arming/disarming, input NO/NC, frequency of test messages, siren on/off, alarm texts, temperature calibration, etc.
Temperature sensor	• measurement range: -35 until +70 °C • accuracy: 0,5°C between -30 °C and +55 °C, 1°C outside these values • digital sensor, no calibration needed
Ambient temperature	• range: -10 until +55 °C
Power supply	• 2x CR123 (included) or • 12VDC + 2x CR123 Lithium
Battery life time (2 x CR123)	• > 1 year at 1 GSM message per day (battery operated) and daily synchronisation to portal • > 2 years at normal use (external power supply)
GSM/GPRS	• quad band EGSM 900/1800 - 850/1900 MHz
Accessories (not included)	• mains adapter (12VDC 500mA) • second temperature sensor (1 meter or 10 meter cable) • temperature sensor extension cable (flat or round) • magnet contact, PIR sensor

About Mobeye

The Dutch company Mobeye is specialised in high quality GSM/GPRS 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.