

MOBEYE THERMOGUARD TWINLOG CML2275-CML2285



Log, Alarm and Report temperature values

CML2275/CML2285



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 CML2275 and CML2285 are industrial units for remote monitoring, alarming and logging of temperature values.

The digital temperature sensors continuously measure the ambient temperature and compares the value(s) with the configured alarm limits. When the minimum and/or maximum temperature limits are violated, the ThermoGuard TwinLog will send alarm notifications and a siren sounds. Optionally, the unit can log the measured temperatures - with an adjustable interval - and send it to the Mobeye Internet Portal. Stored on the server, the data can be retrieved via the Internet.

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

Display

The Mobeye CML2275 and CML2285 are carried out in a solid IP66 housing. The CML2285 is equipped with a display to read the actual temperature value(s).

Mobeye Internet Portal

The Mobeye ThermoGuard TwinLog can go with any SIM card. However, for more enhanced functions and the use of the Internet Portal, a Mobeye SIM card is recommended.

- Logging of temperature values (adjustable interval)
- Programming via internet
- Forward notifications to 'alarm contacts' and 'technical contacts' (call/SMS/e-mail)
- Monitoring of 'keep alive' (test) reports

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 CML2275/CML2285 Technical Data

Content	<ul style="list-style-type: none"> • main unit, integrated GSM module, 1 external temperature sensor 2x CR123 batteries
Inputs	<ul style="list-style-type: none"> • 2 for digital temperature sensors • (NO or NC) inputs for magnet contact, failure signals, etc.
Output	<ul style="list-style-type: none"> • 1 output (open collector 200 mA). Activated after alarm or incoming SMS (pulse time or 'switch')
Dimensions	<ul style="list-style-type: none"> • CML2275: LED indication, on/off button • CML2285: LED indication, on/off button, display to read the actual temperature value(s) and alarm • 162 x 82 x 55 mm, IP66 • temperature sensor cable: 1 meter
Temperature sensor	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • range: -10 until +55 °C
Power supply	<ul style="list-style-type: none"> • 2x CR123 (included) or • 12VDC + 2x CR123 Lithium
Battery life time (2 x CR123)	<ul style="list-style-type: none"> • > 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	<ul style="list-style-type: none"> • quad band EGSM 900/1800 - 850/1900 MHz
Accessories (not included)	<ul style="list-style-type: none"> • mains adapter (12VDC 500mA) • second temperature sensor (1 meter or 10 meter cable) • temperature sensor extension cable (flat or round) • magnet contact, PIR sensor • battery pack, battery life of 4 years