MOBEYE CM-GUARD TWINLOG

CML2055

Log, Alarm and Report
analogue values

Mobeye **CML2055**

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

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

Battery operated; battery lifetime >1 year with daily report. Longer lifetime possible.

If powered externally, monitoring power source and alarming at power failure.

Manual or time-based arming and disarming.

Two NO/NC inputs for additional alarm options.

Output to control an external device.

The Mobeye CM-Guard Twinlog is a compact unit for remote monitoring of analogue values.

The CM-Guard TwinLog will instantly send alarm notifications when user-defined analogue values are violated. Measured values can be logged and viewed in the (optional) web-based portal.

The CML2055 has an integrated GSM module and is designed to run on batteries. The CML2055 also serves as a power failure alarm if the unit is externally powered.

Mobeye Internet Portal

The CML2055 only needs a SIM card of any provider to operate. Equipped with a Mobeye SIM card and registered on the Mobeye Internet Portal, more features become available:

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

www.mobeye.com

Alarm and restore reports via call, SMS and e-mail*

- alarm on analogue values
- activated NO/NC input
- external power failure

Logging of analogue values*

- user-defined log interval
- user-defined data transfer interval (sync)
- historical values, status, download options

Notifications

- low internal battery voltage
- 'keep alive' messages at user defined interval
- exception message ('no keep alive')*

Reports and status

- GSM signal strength
- status and settings
- position data at last event (cell-id)*

Options

- unit of measurement (e.g. volt)
- 5 phone numbers
- alarm texts
- alarm delay times

Arm and disarm

- time-based arming and disarming with two schedules

When battery operated

- fully autonomous operation when battery powered
- battery life > 1 year (with daily report)

* features in combination with the   Mobeye Internet Portal

Mobeye CML2055	Technical data
Inputs	• 2x input (NO/NC/Analogue) • 1x 12 VDC
Output	• 1 output (open collector 200 mA) activated after alarm or incoming SMS (pulse time or continuous)
Security	• PIN code
Values	• Alarm limits for analogue values: 0 ⋯ 48V (accuracy 0,1V, peaks up to 70V)
Dimensions	• 80 x 60 x 40 mm
Power supply	• 2x CR123 lithium batteries (included) or • 12 VDC (or power adapter) + 2x CR123 lithium batteries
Battery life time (2 x CR123)	• > 1 year at 1 GSM message per day (battery operated) and daily synchronisation to portal • > 3 years at normal use (external power supply)
GSM/GPRS	• Quad band EGSM 900/1800 - 850/1900 MHz
Ambient temperature	• -10°C ⋯ +55°C
Accessories (not included)	• Mains power adapter (12 VDC, 500mA) • Outdoor enclosure • External battery pack for extended battery lifetime

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.