

MOBEYE CM-GUARD

Mobeye CM-Guard CM2000



Measuring and reporting with Mobeye alarm module

The Mobeye CM-Guard is the GSM measuring and reporting module to watch over any technical installation. The unit can be fully battery-operated, or powered by an external source. In a simple way sensors and contacts can be connected to the inputs.



The Mobeye CM-Guard is used to inform a maximum of five alarm number via SMS text messages and/or audio call using the integrated GSM module. 'Confirmation' by the receiver will ensure that the other contacts no longer receive calls.

The unit runs on batteries for more than a year. Upon a low battery voltage the Mobeye CM-Guard will send a warning by SMS. When using an external power supply (12 VDC or mains), it also sends "power failure" reports; often the first indication that something is wrong.

Mobeye CM-Guard, a universal GSM messenger



Any dry contact can be applied as sensor. The CM-Guard has several setting options such as choice of SMS and / or call, automatic arming/disarming schemes, free alarm texts per input, alarm delays, test reports, etc. Batteries are included. The CM-Guard only needs a SIM card needed, from any provider.

Mobeye CM-Guard.
The easiest way to be alerted!

The diagram illustrates the device's operation in two states. The top part shows the device with a green indicator light, representing a normal state. The bottom part shows the device with a red indicator light and a red lightning bolt symbol, representing a power failure or alarm state. A smartphone next to it displays 'Mobeye Alarm' on its screen.

Mobeye Internet Portal & SIM service

The Mobeye CM2000 can be deployed "stand-alone", using a regular SIM card. Optional connection to the Mobeye Internet Portal, using a Mobeye SIM card, offers many more features. The portal distinguishes between alarm messages and technical reports. The contacts receive messages per call, SMS and / or email. The "keep-alive" monitor provides additional security by monitoring test reports. If the test message are not sent in time, the (technical) contacts receive a warning message from the portal.



About Mobeye

The company Mobeye is specialized 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.

Mobeye CM-Guard Technical data



Inputs	<ul style="list-style-type: none"> • 2 dry contacts (NO or NC) • 12VDC (optional: mains adapter)
User interface	<ul style="list-style-type: none"> • Switch button • 1x status LEDs
Dimensions	<ul style="list-style-type: none"> • 80 x 60 x 30 mm
(Alarm) messages	<ul style="list-style-type: none"> • SMS and/or call at activation of an input <i>Confirmation possible by receiver of phone call, after which subsequent calls are stopped</i> • SMS and/or call at power failure • SMS at power restoration • SMS at low batteries • SMS test messages ("keep alive")
Reports	<ul style="list-style-type: none"> • Status reports, settings report and GSM network strength at request via SMS text messages
Security	<ul style="list-style-type: none"> • PIN code security for configuration
Configuration	<ul style="list-style-type: none"> • Via SMS text message: <ul style="list-style-type: none"> • telephone numbers (max. 5) • identification and alarm texts • alarm delay times • input as NO or NC • alarm repeat times • automatic arming and disarming schemes <i>two schemes possible, which can be assigned to days of the week</i> • locking of on/off button possible • frequency of test messages
Power supply	<ul style="list-style-type: none"> • 2x CR123 lithium (included) <p>or</p> <ul style="list-style-type: none"> • 12VDC (mains adapter) + 2x CR123
Battery life time	<ul style="list-style-type: none"> • > 1 year at normal use (battery operated) • > 2 years at normal use (ext. power supply)
GSM/GPRS	<ul style="list-style-type: none"> • Quad band EGSM 900/1800 - 850/1900 MHz