

# MOBEYE CM21 GSM Module

Mobeye CM21



## A battery operated GSM measuring and control dialler

The CM21 is a versatile GSM telemetry module, which can be programmed easily by any system integrator. Developed for extreme low power consumption, the CM21 can run on batteries or on any 12 VDC power supply with back-up batteries. It has two digital inputs which can be set to 'normally open' or 'normally closed'. Any dry contact can be applied. By simple SMS commands the alarm alerts by SMS and/or call actions can be defined.



The Mobeye CM21 is used to inform a maximum of five alarm numbers through the GSM network. If one of the inputs is triggered, the Mobeye CM-Guard will send out an SMS text message followed by an audio call to the pre-set numbers.

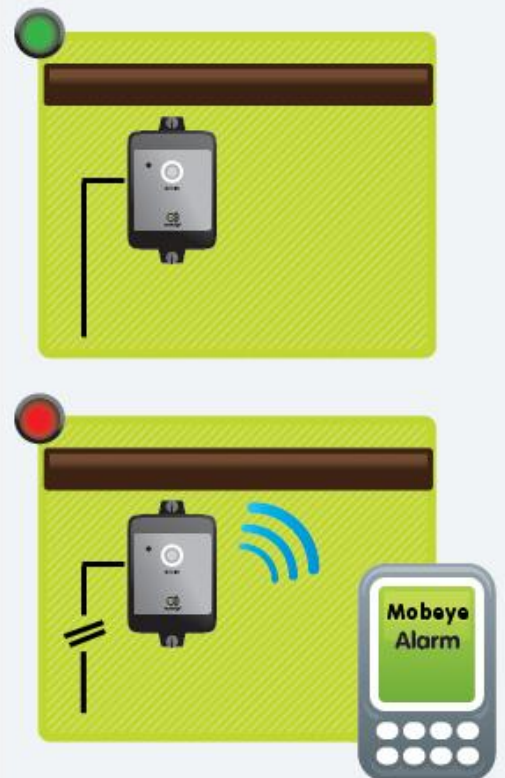
Several settings can be programmed easily, like an alarm delay on power failure, alarm delays for the inputs, user defined alarm texts etc. The inputs can be programmed to react as NO or NC.

The unit runs on batteries for more than a year. As soon as the batteries need replacement it will send a 'battery low' SMS text message.

It is possible to use (and monitor!) the main net or any other 12VDC power supply, by just plugging the (optional) adaptor into an AC outlet.

The CM21 module serves as a strong basis for OEM solutions.

### Mobeye CM21. The easiest way to be alerted!



## 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.

## GSM/GPRS telemetry modules

The CM21 range consists of versatile telemetry modules. The modules are designed to run in a low power battery operated mode. Alternatively they can run on 12 VDC or on the main net via an adaptor. They have two inputs and is controlled through programmable actions.

The XM2 range has two inputs and several outputs (relays). The powered versions can be controlled at a distance through telephone calls and/or SMS text messages. Low power XM2 versions operate completely independent by using its batteries.

## Custom specific solutions (OEM)

The Mobeye CM21 and XM2 range offers a solid base for customized solutions. With our state-of-the art knowledge and broad in-house experience we define, design and produce tailor made solutions for telemetry situations.

Mobeye CM21 Technical Data	
Inputs	<ul style="list-style-type: none"><li>• 12VDC (+/- 2V) (optional: net adaptor)</li><li>• 2 (NO or NC)</li></ul>
User interface	<ul style="list-style-type: none"><li>• Switch button</li><li>• 1x status LEDs</li></ul>
Dimensions	<ul style="list-style-type: none"><li>• 75 x 51 x 29 mm</li><li>• Optional: Optional enclosure: 80 * 60 * 40 mm or DIN rail</li></ul>
(Alarm) messages	<ul style="list-style-type: none"><li>• SMS / call at activating an input</li><li>• SMS and call at power failure</li><li>• SMS at power restoration</li><li>• SMS at low batteries</li><li>• SMS test messages ("keep alive")</li></ul>
Reports	<ul style="list-style-type: none"><li>• Status reports and settings report at request via SMS text messages</li></ul>
Security	<ul style="list-style-type: none"><li>• PIN code security for configuration</li></ul>
Configuration	<ul style="list-style-type: none"><li>• Via SMS text message:<ul style="list-style-type: none"><li>• telephone numbers (max. 5)</li><li>• identification and alarm texts</li><li>• power failure delay time</li><li>• input as NO or NC</li><li>• input delay times</li><li>• frequency of test messages</li></ul></li></ul>
Power supply	<ul style="list-style-type: none"><li>• 2 * CR123 Lithium (not included)</li></ul> or <ul style="list-style-type: none"><li>• 12VDC + 2 * CR123 (not included: net adaptor: art. nr. 10027, CR123: art. nr. 10024)</li></ul>
Battery life time	<ul style="list-style-type: none"><li>• &gt; 1 year at normal use (battery operated)</li><li>• &gt; 2 years at normal use (ext. power supply)</li></ul>
GSM/GPRS	<ul style="list-style-type: none"><li>• Quad band EGSM 900/1800 - 950/1900 Mhz</li></ul>

