



Fully in control with the Mobeye alarm dialer



CM4000

Mobeye CM-Guard

The Mobeye CM-Guard is the control unit and alarm dialer for monitoring any technical installation. Universal, reliable and compact. Sensors and contacts are easily connected to the inputs. The device is fully battery powered, or uses external power. The built-in communication module can connect to the 4G LTE-M and the 2G network.

If one of the inputs indicates an alarm status, the CM-Guard alerts with a push notification, telephone call, SMS and/or e-mail. The contact persons can be set, with multiple options for the alarm message. Reporting to a control room (ARC) is also possible.

The Mobeye CM-Guard runs for more than a year on a set of batteries. Once the battery voltage is low, a message is sent. When using an external power source (12-24V DC or mains), it also sends "power failure" notifications; this is often the first indication that something is wrong on the spot.

The set-up is ready in a few simple steps. The compact box may be used as a free-standing unit or the mounting holes may be used to hang it.



Mobeye CM-Guard, universal alarm dialer

Any potential-free sensor may be connected. The CM-Guard has various setting options, such as automatic switch-on and switch-off times, alarm texts per input, alarm delay, alarm restore messages, repeat notifications and test messages. The batteries are included.

CM4000 Mobeye CM-Guard



HOW IT WORKS



The Mobeye CM4000 monitors your installation remotely. The alarm device immediately sends a notification when the status changes. In this way you have full control.

- 1 Attach a potential-free contact to one of the inputs of the CM-Guard. This may be a fault signal from an installation, or a sensor with make/break contact.
- 2 The CM-Guard detects any status change on the inputs. When connected to external power, it also signals a power failure.
- 3 In an alarm situation, the CM-Guard sends alarm messages to the contact persons. When using the portal and app, an escalation plan including alarm confirmation can be set.

Mobeye SIM, Portal & App service

The Mobeye Internet Portal offers a clear dashboard and essential functions, such as push notifications per app, online programming, setting up the notifications, insight into the status and history, network strength, events and position (Cell-Id). The 'keep-alive' monitor offers extra security by monitoring the receipt of test messages. You can activate the supplied Mobeye SIM card online.

CM4000 - Technical data

Contents	<ul style="list-style-type: none"> CM4000, 2x CR123 batteries, SIM card
(Alarm) messages	<ul style="list-style-type: none"> input alarm, power failure, alarm recovery, battery low voltage, (missed) test report to private contacts via app, call, text message and/or e-mail, or to a control room (ARC)
Reporting	<ul style="list-style-type: none"> status, setting list, event history, network strength and position based on Cell ID
Setting options	<ul style="list-style-type: none"> contacts (unlimited number) for alarm and service messages, message texts, repeat cycles, input type normally open or normally closed, recovery messages, alarm delay times, test interval (keep-alive), ARC, etc.
Operation	<ul style="list-style-type: none"> arming and disarming via button, time schedules and SMS
Inputs	<ul style="list-style-type: none"> 2x NO/NC input (potential-free), 1x 12-24V DC (+/- 2V)
Power supply	<ul style="list-style-type: none"> 2x CR123 lithium batteries or 12-24V DC (regulated) + 2x CR123 lithium
Battery lifetime	<ul style="list-style-type: none"> > 1 year at normal use (battery operated), > 3 years at normal use (powered externally)
Dimensions	<ul style="list-style-type: none"> 94 x 94 x 28 mm
Connectivity	<ul style="list-style-type: none"> 4G LTE-M (worldwide) + 2G EGSM Quad band the Mobeye SIM card and Internet Portal provide full functionality and optimum security. The 4G LTE-M network is very reliable and ensures a strong penetration against low energy consumption. 2G is available as a fallback 2G EGSM Quad band (850/900/1800/1900 MHz) when using your own SIM card, the device works (only) on 2G. The operation is "stand-alone", without using the Mobeye Portal. The alarm notifications are sent via SMS and telephone call to (max.) 5 contacts. Programming is done via (simple) SMS commands
Accessories (not included)	<ul style="list-style-type: none"> mains adapter, external antenna

Mobeye is specialised in high-quality 2G/4G/LoRa alarm and telemetry technology. Visit mobeye.com for more information about our technology, applications and detailed product information.