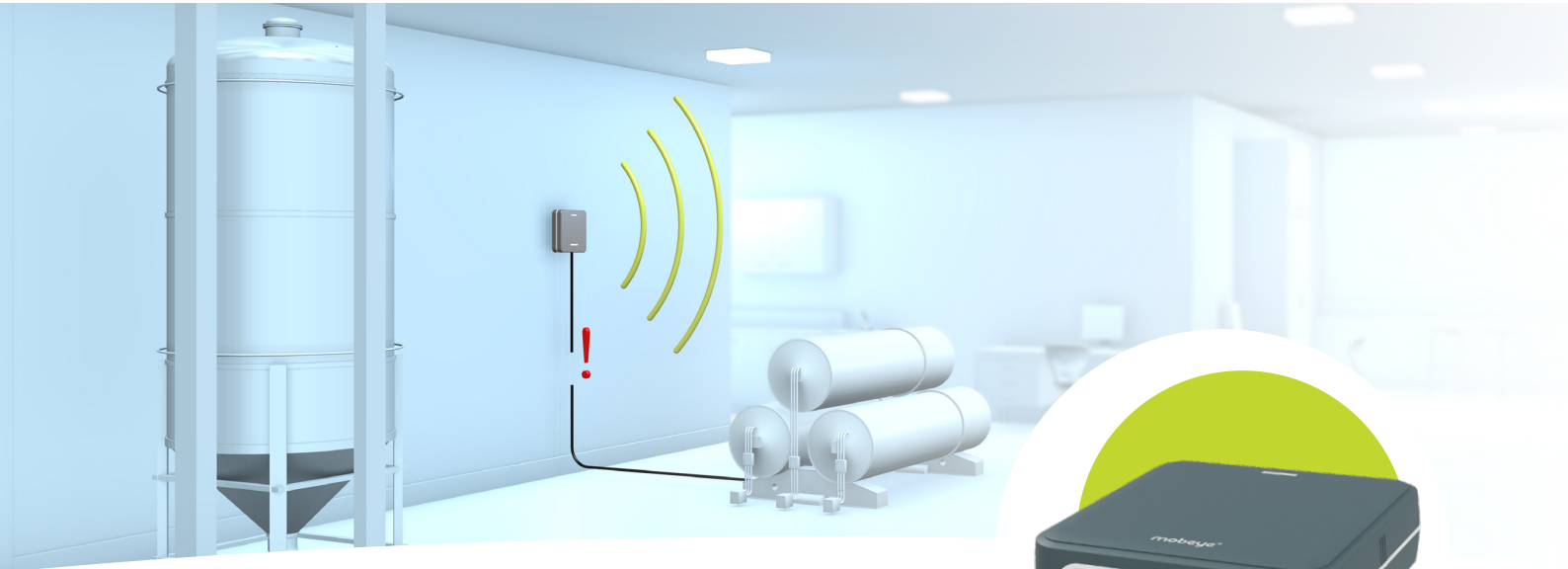




Fully in control with the Mobeye alarm dialer



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 can be easily connected to the inputs. The device operates fully on batteries or can be powered externally. 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 the contact persons with a push notification, telephone call, SMS and/or e-mail. Reporting to a control room (ARC) is also possible.

The Mobeye CM-Guard operates for over a year on a single 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.

The Mobeye Portal provides a clear dashboard and essential functions, online programming, notification setup, insight into the status and history, network strength, events and position (Cell-Id). The 'keep-alive' monitor enhances security by tracking the receipt of test messages. The supplied Mobeye SIM card can be activated online.



Mobeye CM-Guard, universal alarm dialer

The set-up is ready in a few simple steps. The compact box can be used as a free-standing unit or easily mounted using the built-in holes. Any potential-free sensor can be connected. The CM-Guard offers a range of configurable settings, including automatic on/off times, input-specific alarm texts, alarm delays, restore notifications, repeat alerts, and test messages. Batteries are included.

CM4000 Mobeye CM-Guard



HOW IT WORKS



The Mobeye CM4000 provides remote monitoring for your installation. This alarm device instantly notifies you of any status changes, giving you complete 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, you can establish an escalation plan that includes alarm confirmation.

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"> Mobeye SIM/Portal the Mobeye SIM card and Portal/App services 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 Own SIM card When using your own SIM card, the device operates on 2G; with an LTE-M SIM card and the correct APN settings, it also supports 4G. The device runs "stand-alone", without using the Mobeye Portal. The alarm notifications are sent via SMS and (if supported by the network) 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 specialises in high-quality 2G/4G alarm and telemetry technology. Mobeye develops products and services for reliable alarms, logging, control and alarm transmission.

Visit mobeye.com to learn more about our technology, applications and comprehensive product information.

Mobeye I/O product versions					
Product	Product	Input		Output	
		No.	Type	No.	Type
IP44 (indoor)	IP66 (outdoor)				
CM4000	CM4000X	2	NO/NC	-	
CM4040	CM4040X	4	NO/NC	-	
CM4001	CM4001X	2	NO/NC	1	open collector
CM4042	CM4042X	4	NO/NC	2	relais (bistable)
		Accessories: mains adapter, externe antenna			