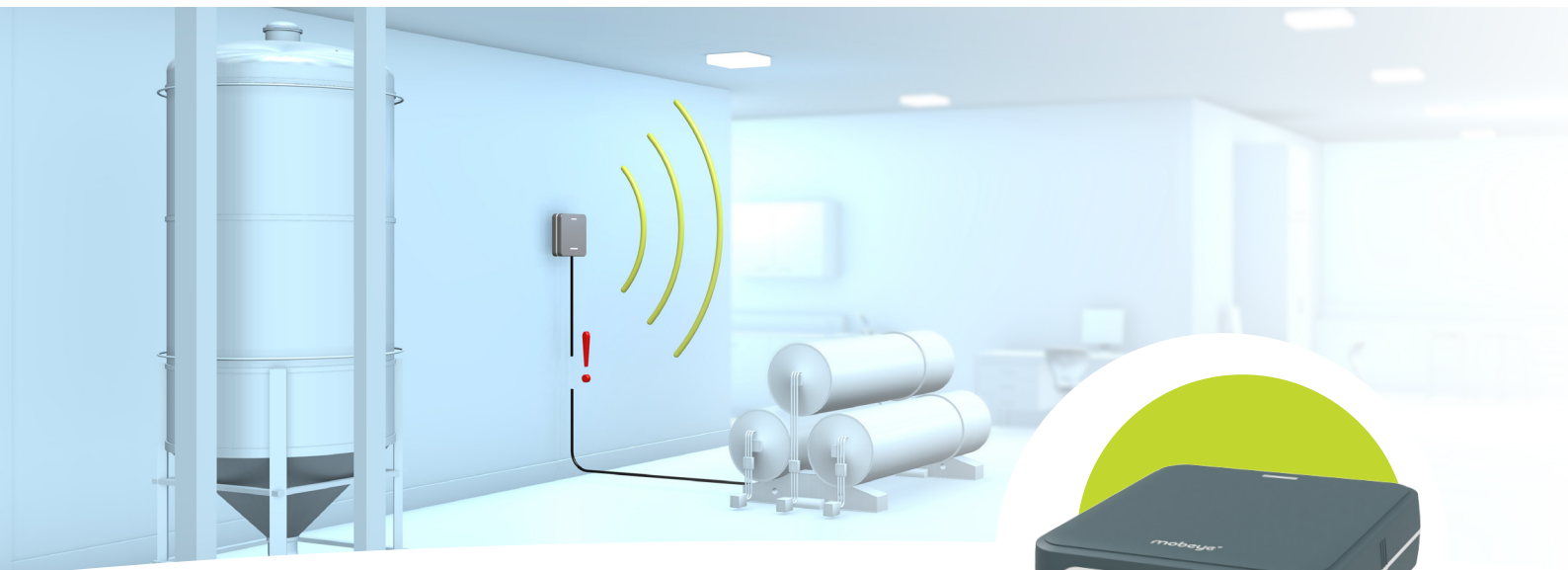# mobeye®

Monitoring the installation with the Mobeye four-channel alarm module

CM4040
Mobeye CM-Guard-40

The Mobeye CM4040 is a universal alarm detector with four potential-free inputs and built-in communication module. It serves to monitor various sensors and control technical installations. NO/NC contacts can be connected to the inputs. A status change triggers an alarm or recovery message. The detector operates on the 2G and 4G LTE-M network.

If one of the four inputs indicates an alarm status, the CM4040 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.
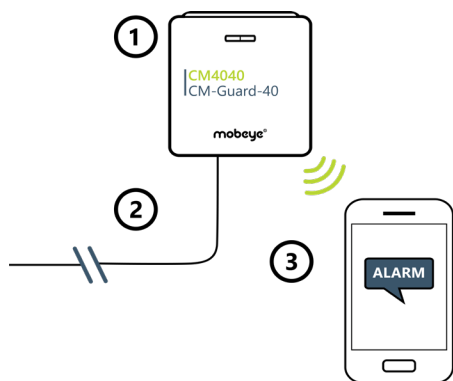
Mobeye CM4040, 4-channel monitoring device
The compact box can be used as a free-standing unit or easily mounted using the built-in holes. Any potential-free sensor can be connected. The CM4040 offers a range of configurable settings, including automatic on/off times, input-specific alarm texts, alarm delays, restore notifications, repeat alerts, and test messages. Batteries are included.

security. anywhere. anytime.   mobeye.com

CM4040
Mobeye CM-Guard-40

The Mobeye CM4000 monitors your installation remotely. The alarm device immediately sends a notification when the status changes, wit a clear indication which input is involved.

1. Attach potential-free contacts or sensors to the inputs and connect -if available- the extenal power.

2. Use the Mobeye Portal to set the inputs to 'normally open' or 'normally closed', optionally with delay times, recovery messages and specific alarm texts.

3. If any of the four inputs goes into alarm status. the detector sends an alarm notification to contacts via app, call, SMS and/or email. For app messages an escalation plan and message confirmation is possible.

CM4040 - Technical data

Contents	• CM4040, 2x CR123 batteries, SIM card
(Alarm) messages	• 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	• status, setting list, event history, network strength and position based on Cell ID
Setting options	• 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	• arming and disarming via button, time schedules and SMS
Inputs	• 4x NO/NC input (potential-free), 1x 12-24V DC (+/- 2V)
Power supply	• 2x CR123 lithium batteries *or* 12-24V DC (regulated) + 2x CR123 lithium
Battery lifetime	• > 1 year at normal use (battery operated), > 3 years at normal use (powered externally)
Dimensions	• 94 x 94 x 28 mm
Connectivity	• 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)	s • 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	
IP44 (indoor)	IP66 (outdoor)	No.	Type	No.	Type
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			