



To monitor power loss, leakage, temperature deviation and battery voltage



CM4600

Mobeye CombiGuard

For optimal control and monitoring, the Mobeye CM4600 combines various sensors and signals. A reliable aid to monitor risks and limit damage. The user receives notifications at problems with temperature, water level, battery voltage, potential-free sensors and the power supply. The device is fully battery powered, or uses external power. The communication module can connect to the 4G LTE-M and the 2G network.

In the event of a status change the Mobeye CombiGuard alerts with a push notification, telephone call, SMS and/or e-mail. Various contact persons can be set, with multiple options for the alarm message.

The Mobeye CombiGuard runs for more than a year on a set of batteries. When 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 and an action is required.

Always up to date

An online portal and app makes set-up easy and gives the user insight into the status of the various sensors and connections.

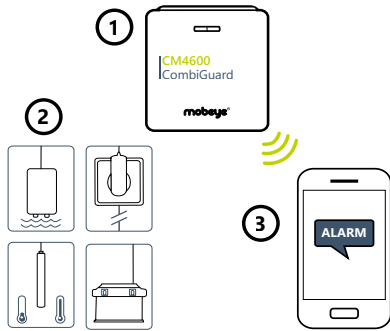
- temperature sensor
- water leak sensor
- 2x input for battery voltage or potential-free contacts
- (shore) power supply, or 12-24V DC
- open collector output



CM4600 Mobeye CombiGuard



HOW IT WORKS



The Mobeye CombiGuard monitors your property remotely. Once the status changes, the alarm dialer immediately sends a notification. That way you are completely in control.

- 1 Attach one or more of the included sensors, adapter and/or connect a battery to monitor voltage. Set a battery and temperature limit.
- 2 The CombiGuard detects any deviation on the sensors and inputs. When connected to external power, it also registers power failure.
- 3 In case of deviations, the CombiGuard sends alarm messages to the contact persons, via push message, telephone call, SMS and/or e-mail.

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.

CM4600 - Technical data

Contents	<ul style="list-style-type: none"> CM4600, temperature sensor (1m), leakage sensor (1m), (country specific) mains adapter, 2x CR123 batteries, SIM card
(Alarm) messages	<ul style="list-style-type: none"> temperature alarm, water alarm, low battery voltage, NO/NC input alarm, power failure, alarm recovery, battery low voltage, (missed) test report to private contacts via app, call, text message and/or e-mail
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 NO/NC/AN, recovery messages, alarm delay times, test interval (keep-alive), 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/AN (potential-free or analog), 1x temperature, 1x water, 1x 12-24V DC (+/- 2V)
Output	<ul style="list-style-type: none"> open collector (at external voltage), max. 200mA. Switches on alarm or after incoming SMS
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"> extension cable water/temperature sensor (3m or 10m), magnet contact, float sensor, 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.