



Water detector with alarm notification always aware of leakage



CM4300 Mobeye WaterGuard

The Mobeye WaterGuard is an effective leak detector designed to prevent water damage. It features a reliable leakage sensor and a compact communication box. By positioning the sensor near water sources or in areas prone to accumulation, you can ensure that leaks are promptly detected. When the sensor identifies a water-based liquid, it sends an alarm notification. The device is fully battery-powered but can also use external power. The communication module connects to both the 4G LTE-M and 2G networks.

When the water sensor or any of the additional inputs trigger an alarm, a push notification, phone call, SMS, and/or email is sent to the designated contacts. You can configure multiple contacts and customise how they receive the alarm message. The Mobeye WaterGuard operates for more than a year on a set of batteries. When the battery voltage is low, it sends a notification. If connected to 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 action is needed.



Mobeye WaterGuard, reliable and simple

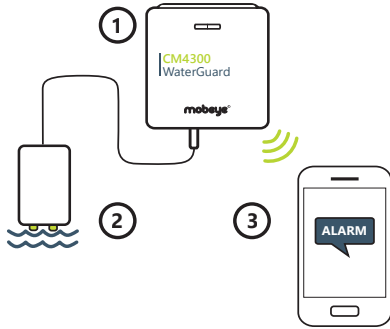
In addition to the supplied leak sensor, two potential-free sensors can be connected, such as a water float sensor or failure contact. The settings are easy to configure, including alarm delay times, inactive periods after an alarm, NO/NC input types, repeat notifications, test messages, and custom alarm texts.

For monitoring water levels, the CM4300FS with a float sensor is the more suitable option.

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HOW IT WORKS



The Mobeye CM4300 monitors whether a room is dry. In the event of a water leak, it immediately sends a notification. This timely notification helps you detect leaks early and prevent potential water damage.

- 1 Position the box in a dry area and configure the contacts for notifications.
- 2 Install the leak sensor at the location where water is likely to first penetrate or accumulate, with the pins positioned downward without touching the floor.
- 3 As soon as the pins detect water, the WaterGuard sends alarm messages to the contact persons. By using the portal and app, you can establish an escalation plan that includes alarm confirmation.

Mobeye SIM, Portal & App service

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

CM4300 - Technical data

Contents	<ul style="list-style-type: none"> CM4300, leakage sensor, 2x CR123 batteries, SIM card
(Alarm) messages	<ul style="list-style-type: none"> water alarm, 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 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
Water sensor	<ul style="list-style-type: none"> 52 x 32 x 14 mm, digital, 1 meter cable
Inputs	<ul style="list-style-type: none"> 1x input for leakage sensor, 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, extension cable (3m, 10m), external antenna

Mobeye is specialised in high-quality 2G/4G alarm and telemetry technology. Visit mobeye.com for more information.

Mobeye water detectors - product versions

Product (IP44)	Product (IP66)	Sensor	Extra input
CM4300	CM4300X	Leak sensor	2x NO/NC
CM4300FS	CM4300FSX	Float sensor	1x NO/NC



security. anywhere. anytime.

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