



Water detector with alarm notification always aware of leakage



CM4300

Mobeye WaterGuard

The Mobeye WaterGuard is the leak detector that helps to prevent water damage. The device consists of a reliable leakage sensor and a compact communication box. By placing the sensor close to a water source or at a place where water can accumulate, leakage can no longer occur unnoticed. If the sensor detects a water-based liquid, an alarm notification will be sent. The device is fully battery powered, or uses external power. The communication module can connect to the 4G LTE-M and the 2G network.

As soon as the water sensor or one of the additional inputs gets into the alarm status, a push notification, telephone call, SMS and/or e-mail will follow. The contact persons can be set, with multiple options for the alarm message. The Mobeye WaterGuard 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.



Mobeye WaterGuard, reliable and simple

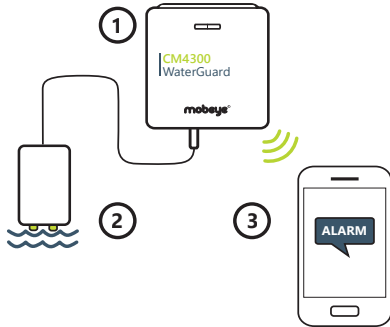
Next to the supplied leak sensor, two potential-free sensors can be connected, for example a water float sensor or failure contact. The settings are easy to program in, such as the alarm delay times, inactive times after an alarm, NO/NC input types, repeat notifications, test messages and alarm texts.

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

CM4300 Mobeye WaterGuard



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 way you will detect a water leak in time and prevent water damage.

- 1 Place the box in a dry place and set the contacts for the notifications.
- 2 Fix the leak sensor where the water first will penetrate or accumulate, with the pins down.
- 3 As soon as the pins feel water, the WaterGuard 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.

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"> 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, extension cable (3m, 10m), 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.