

# MOBEYE WATERGUARD

Mobeye CM2300



## Reporting water leakage via telephone call, SMS text message and email

Water damage is inconvenient and can be very expensive. The Mobeye WaterGuard informs you of the presence of unwanted water and helps to prevent consequential damage. As soon as the feelers of the sensor detect a water-based fluid, the Mobeye WaterGuard sends a notification. Place the sensor in an area where water could leak or at the place where water accumulates.



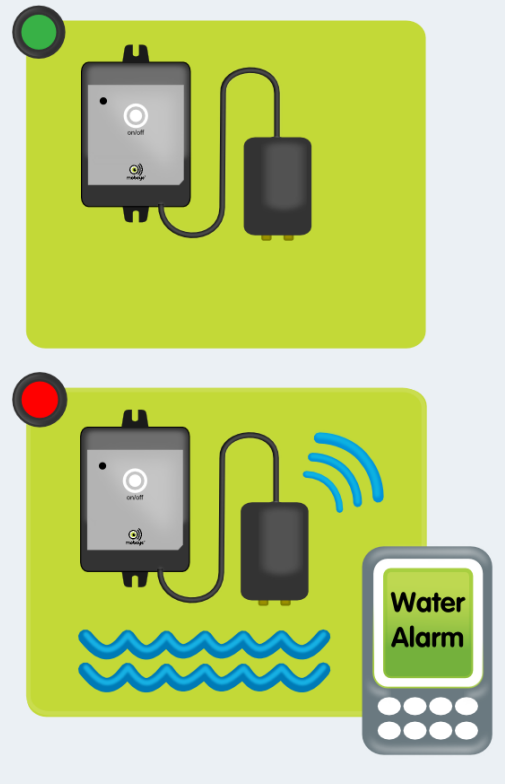
The Mobeye WaterGuard alerts with a telephone call, SMS and / or e-mail via the integrated GSM module. 'Confirmation' by the receiver will ensure that other contacts will not receive a call.

The Mobeye WaterGuard works entirely on batteries for more than a year. It is possible to connect a 12 VDC power source or power adapter. The user can opt to receive a 'power failure' alerts too. It has two additional inputs for potential free contacts. By connecting a device or external sensor to an input the CM2300 can monitor all kinds of situations and warn about a machine failure or an activated sensor. A float sensor can also be connected as additional water level sensor.



The CM2300FS WaterGuard Float Sensor is an alternative version; it is equipped with a float sensor. For situations with a somewhat higher water level the CM2300FS is recommended.

### Mobeye WaterGuard. The easiest way to be alerted!



## Mobeye Internet Portal & SIM service

By registering the included multi-provider Mobeye SIM card and the Mobeye CM2300 online, user convenience is added and additional features become available. The portal distinguishes between alarm messages and service reports. The contact persons receive messages by call, text message and/or e-mail. The portal facilitates online programming and displays the status, such as the alarm status, network strength and history. The "keep-alive" monitor offers extra security by monitoring test reports. If the test report is not sent on time, the (service) contact persons will receive a warning message from the portal.



Mobeye WaterGuard Technical data	
<b>Inputs</b>	<ul style="list-style-type: none"> <li>• 1x digital input for leakage sensor</li> <li>• 2x dry input (NO or NC)</li> <li>• 12 VDC</li> </ul>
<b>User interface</b>	<ul style="list-style-type: none"> <li>• On/off button</li> <li>• 1x status LED</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 80 x 60 x 40 mm</li> </ul>
<b>(Alarm) messages</b>	<ul style="list-style-type: none"> <li>• Alarm messages via call, SMS, and/or e-mail*: <i>confirmation by receiver of alarm is possible, so the next contact person does not receive a call</i> <ul style="list-style-type: none"> <li>• after the sensor detects water</li> <li>• when an input is activated</li> <li>• when the external power fails and after power recovery</li> </ul> </li> <li>• Warning messages via SMS and/or e-mail*:           <ul style="list-style-type: none"> <li>• when the internal battery voltage is low</li> <li>• in the situation of a missed test report ("keep alive") (without using the portal: test notifications via SMS)</li> </ul> </li> </ul>
<b>Reports</b>	<ul style="list-style-type: none"> <li>• Status reports, settings report, GSM network strength, position data at last event (cell-id)*</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• PIN code security for configuration</li> </ul>
<b>Configuration</b>	Programming is done online in the Mobeye Internet Portal (or without Portal: via text messages): <ul style="list-style-type: none"> <li>• telephone numbers (max. 5, unlimited number of SMS / emails when using the Mobeye Internet Portal)</li> <li>• identification and alarm texts, alarm delay times, alarm repeat times</li> <li>• input as NO or NC</li> <li>• automatic arming and disarming schemes, <i>two schemes possible, to be assigned to days of the week</i></li> <li>• locking of on/off button possible</li> <li>• frequency of test messages</li> </ul>
<b>Sensor</b>	<ul style="list-style-type: none"> <li>• cable length leak sensor: 1 m (extendable with accessory AC-EC1, 2,5m cable) dimensions: 52 x 32 x 14 mm</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>• 2x CR123 lithium batteries (included) or</li> <li>• 12 VDC (or power adapter) + 2x CR123 lithium batteries</li> </ul>
<b>Battery lifetime</b>	<ul style="list-style-type: none"> <li>• &gt; 1 year at normal use (battery operated)</li> <li>• &gt; 3 years at normal use (ext. power supply)</li> </ul>
<b>Ambient temperature</b>	<ul style="list-style-type: none"> <li>• -10°C - +55°C</li> </ul>
<b>GSM/GPRS</b>	<ul style="list-style-type: none"> <li>• Quad Band EGSM 900/1800 - 850/1900 MHz</li> </ul>



\* e-mail function only possible when using the Mobeye Internet Portal

## About Mobeye

The company Mobeye is specialized in high quality 2G/3G/4G/LoRa alarm and telemetry technology. Mobeye products are characterised by configuration flexibility, user friendliness and an extremely low power consumption. Mobeye aims to design and market products that contribute to a safer world for its customers.