

# MOBEYE

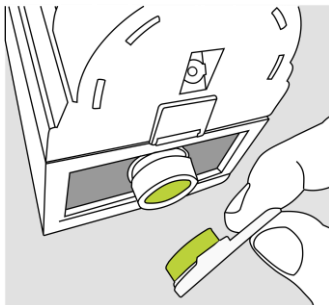
## Outdoor Alarm

### Mobeye CMVXI-R



## Simple, reliable and effective site security

The Mobeye Outdoor Alarm is a stand-alone external GSM PIR Alarm that combines the reliable Optex VX-Infinity dual-optic (PIR) detector and low power Mobeye GSM technology. The Mobeye CMVXI-R is ideal for temporary protection and places where no electricity or telephone lines are available. The system can be attached to a wall, a pole, or even to a tree.



- silent alarm
- alerts via SMS text / phone call / e-mail / ARC
- arming and disarming via i-Button fob (included)
- arming and disarming automatically using in-built timer functions
- battery life time about 2,5 years
- low battery warning

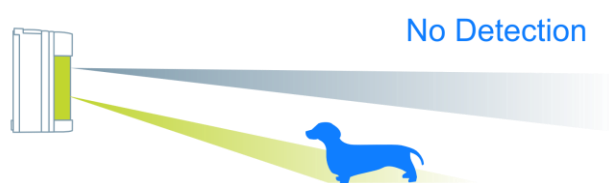
### Detection and signalling

The CMVXI-R is based on the market leading external PIR from Optex, the world leaders in PIR technology. The unit has two detection patterns, both of which must be broken simultaneously in order to trigger the alarm. This results in the detector being highly immune to false alarms created by birds, cats, dogs etc. as these animals will not trigger both the top and bottom detectors at the same time.

Once movement of a human sized object is detected, the GSM module switches on. The alarm notification is sent to the pre-programmed numbers as an SMS text message, a phone call and/or e-mail.



Alarm when both upper and lower detection area are blocked.



No alarm when only the lower (or upper) detection area is blocked.



### Response after an intruder alarm

- SMS and/or call to (max. 5) numbers
- In combination with the Mobeye Internet Portal
  - SMS text / e-mail to unlimited number of contacts, phone call to (max. 5) numbers
  - SIA/DC09 message to ARC

### Switching on and off

- automatically based on timer function (2 schedules)
- via tag, confirmation by light and sound
- enrollment of additional tags (max. 25)

### Battery operated

- fully autonomous operation when battery powered
- battery life: 2 - 2,5 years
- "battery low" SMS notification for low battery voltage

### Programming, reports and overviews

- per sms text message: alarm texts, test messages with an adjustable interval ("keep alive"), status and settings lists, reports of strength of GSM network
- In combination with the Mobeye Internet Portal
  - online programming and management of devices
  - user friendly user interface, for mobile phone and PC
  - forwarding of alarm messages via call, SMS and/or e-mail
  - differentiation between 'alarm' and 'service' contact persons
  - historical (log) data of arming/disarming times and events
  - display of position at last event based on cell-ID
  - automated monitoring of test messages (exception messages)

### Digital Double Layer Detection

The two internal PIR sensors independently analyze the detection so that a misleading coincidence of events can be filtered out. This technology virtually eliminates detections of smaller animals in the premises. The VXI-R model is equipped with a digitally enhanced signal recognition logic called SMDA. SMDA improves immunity against various noise factors such as climate changes and vegetation sways.

## Mobeye Outdoor Alarm CMVXI-R Technical Data

<b>Detector</b>	<ul style="list-style-type: none"> <li>• Optex VXI-R; adjustable angle</li> <li>• 12 meter detection, 90° detection pattern (rotatable through 180°)</li> <li>• Distance adjustment: 2,5 – 12 m (5 levels of detection), 8 horizontal area positions</li> </ul>
<b>Installation</b>	<ul style="list-style-type: none"> <li>• at 0,8 ... 1,2 m height, mounting materials included</li> </ul>
<b>Dimensions &amp; features</b>	<ul style="list-style-type: none"> <li>• 71 x 105 x 186 mm (w*h)</li> <li>• IP55</li> <li>• Ambient temperature -10 ... 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>
<b>Product content</b>	<ul style="list-style-type: none"> <li>• Optex VXI-R, integrated GSM-module, tag reader</li> <li>• 2x CR123 batteries + 6x CR123 battery pack</li> <li>• 2 tags</li> </ul>

## About Mobeye

The company Mobeye is specialized in high quality GSM/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.