

Mobeye GSM smoke detector CM2400. Security. Anywhere, anytime.

# MOBEYE GSM SMOKE DETECTOR

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## Battery-operated smoke detector with integrated GSM communicator

The Mobeye GSM Smoke Detector provides an adequate warning for fire without the need for additional cables or telephone lines. The smoke detector warns upon smoke with a local siren and a GSM report to the set contact persons. Due to the low power design the GSM communicator runs on a set of batteries for more than a year. The Mobeye GSM Smoke Detector combines the Ei Electronics Ei605TYC smoke detector and the Mobeye GSM fire communicator CM2410.

The complete GSM smoke detector is easy to install and ready to use. The alarm notification consists of an SMS text message and/or telephone call. A SIM card of any provider could be used.



- simple to install
- no external power needed
- integrated GSM communicator

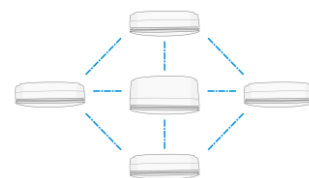
**Mobeye GSM smoke detector.**  
The easiest way to be alerted!



Typical applications are places where traditional smoke detectors do not suffice and where -next to a local siren- a notification per telephone is advised, such as void property, care situations and homes with elderly, shacks, storage locations, server rooms, holiday houses, boats, mobile homes, or in temporary situations.

## Connectable system

It is possible to interconnect the smoke detector (Ei605TYC) to other smoke and heat detectors. By simply placing the Ei RF module in the detectors, up to 12 smoke and heat detectors can be coupled. Only one of these detectors need to be equipped with the GSM fire alarm communicator. If one of the detectors is triggered, all sirens will sound and the GSM module will send an alarm message.



## Mobeye Internet Portal & SIM service

Connection with the Mobeye Internet Portal using a Mobeye SIM card is optional and unlocks many more features, such as programming via internet. The "keep-alive" monitor provides additional security by monitoring the communication. If test messages were not sent in time, a warning is sent.



### Mobeye Smoke Detector Technical data



<b>Smoke detection<sup>1</sup></b>	<ul style="list-style-type: none"> <li>Ei Electronics smoke detector, Ei605TYC. Optical, responds to all standard fires</li> <li>Piezo alarm (&gt;85 dB at 3 m) and LEDs</li> <li>Complies with BS EN 14604:2005</li> </ul>
<b>GSM communicator</b>	<ul style="list-style-type: none"> <li>Mobeye CM2410 GSM fire alarm communicator</li> <li>Quad band EGSM 900/1800 - 850/1900 MHz</li> <li>ETSI RED 2014/53/EU, 73/23/EEC, IEC/EN 50130</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>PIN code security for configuration</li> </ul>
<b>Configuration</b>	<ul style="list-style-type: none"> <li>Via SMS text message:                             <ul style="list-style-type: none"> <li>telephone numbers (max. 5)</li> <li>identification and alarm texts</li> <li>frequency of test messages</li> </ul> </li> </ul>
<b>(Alarm) messages</b>	<ul style="list-style-type: none"> <li>SMS and/or call upon detecting the presence smoke</li> <li>SMS at low batteries</li> <li>SMS test messages ("keep alive")</li> </ul>
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>Wireless connection via optional Ei650M or Ei605MRF Radio Frequency module</li> <li>Up to 12 Ei Electronics detectors can be connected (Ei650C, Ei605iC, Ei650W, Ei650iW, Ei605C, Ei605TYC, Ei603C und Ei603TYC)</li> <li>Upon alarm, the sirens of all modules sound and alarm messages are sent via GSM</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>Diameter: 12 cm, height: 6,7 cm</li> </ul>
<b>Mobeye Internet Portal</b>	<ul style="list-style-type: none"> <li>The CM2400 can be connected with the Mobeye Internet Portal for extra features such as programming, forwarding (alarm) notifications, monitoring of test reports and a historical log</li> </ul>
<b>Ambient temperature</b>	<ul style="list-style-type: none"> <li>0° C ... 40° C</li> </ul>
<b>Power supply (all batteries are included)</b>	<ul style="list-style-type: none"> <li>GSM module: 2x CR123 (lifetime &gt; 1 year)<sup>2</sup></li> <li>Smoke detector: 1x 9 V Lithium (lifetime appr. 10 year)</li> </ul>

1) also available as heat detector in combination with Ei603TYC

2) in case of 1 SMS/day, depending on environmental temperature