

# MOBEYE GSM SMOKE DETECTOR

Fire alarm with built-in  
GSM communication module



## Battery-operated smoke detector with integrated GSM communicator

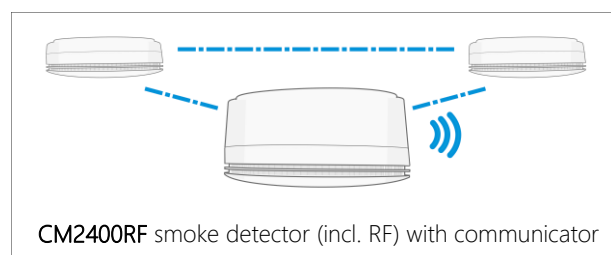
The combination of Ei Electronics smoke detectors with the Mobeye communication module, provides a highly effective warning in the situation of a fire alarm. The smoke detector warns upon smoke with a local siren and a warning via telephone call and SMS. If desired the messages are sent to an alarm receiving center.

The system does not need additional cables or telephone lines. Due to the energy-efficient design, the GSM communication module runs on a set of batteries for more than a year. The battery life is extended when powered externally.

- simple to install
- no external power needed

### Interconnection

The GSM smoke detector can be interconnected with other smoke detectors. The CM2400RF already has an RF module and works with other connectable Ei Electronics detectors. As soon as one of the detectors in the network detects smoke, all sirens will sound and the GSM communication module will send a notification.



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

The diagram illustrates the detector's operation in two states. In the top panel, a green indicator light is shown next to the detector, which is in a normal state. In the bottom panel, a red indicator light is shown, indicating an alarm state. The detector is shown emitting a siren sound, and a smartphone displays 'Fire Alarm'.

## 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. Missing test messages will result in an alert via email.



### Mobeye Smoke Detector Technical data

<b>GSM Smoke detector</b>	<ul style="list-style-type: none"> <li>Ei Electronics Ei605TYC smoke detector (&gt;85 dB at 3 m)</li> <li>Smoke detector complies with BS EN 14604:2005</li> </ul>
<b>GSM communicator</b>	<ul style="list-style-type: none"> <li>Mobeye CM2410 GSM communication module</li> <li>Quad band EGSM 900/1800 - 850/1900 MHz</li> <li>Conforms with RED 2014/53/EU, 73/23/EEC, IEC/EN 50130</li> </ul>
<b>RF module (only in CM2400RF)</b>	<ul style="list-style-type: none"> <li>Ei Electronics Ei650M, connectable with all other Ei Electronics RF modules</li> </ul>
<b>Configuration</b>	<p>Programming is done online in the Mobeye Internet Portal (or without Portal: via text messages):</p> <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</li> <li>Frequency of test messages</li> </ul>
<b>(Alarm) messages</b>	<ul style="list-style-type: none"> <li>Alarm after smoke detection via call, SMS and / or e-mail *</li> <li>Notification if voltage internal battery is low</li> <li>In the situation of a missed test report ("keep alive") (without using portal: test notifications via SMS)</li> <li>Option to forward all messages to ARC in SIA DC/09 protocol</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>Diameter: 12 cm, height: 6,7 cm</li> </ul>
<b>Ambient temperature</b>	<ul style="list-style-type: none"> <li>0° C ... 40° C</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>GSM module: 2x CR123 (included) or 2x CR123 + 12VDC</li> </ul>
<b>Battery lifetime</b>	<ul style="list-style-type: none"> <li>CM2410 communication module, 2x CR123 (replaceable): lifetime under normal use &gt; 1 year</li> <li>Smoke detector Ei605TYC, 1x 9 V Lithium (non replaceable) lifetime under normal use 10 year</li> <li>RF Module 650M, 1x 3 V Lithium (non replaceable) lifetime under normal use 10 year</li> </ul>

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

## Mobeye Product combinations

Article nr.	Product	Content	Description
<b>CM2400</b>	GSM smoke detector (stand alone) EAN: 8719324241373	1x CM2410 1x Ei605TYC	GSM communication module with Ei Electronics smoke detector, stand alone use
<b>CM2400RF</b>	GSM smoke detector with RF module EAN: 8719324241335	1x CM2410 1x Ei605TYC 1x Ei650M	GSM communication module with Ei Electronics smoke detector with RF-module. All Ei RF modules are compatible and thus connectable.
<b>CM2400H</b>	GSM heat detector (stand alone) EAN: 8719324241144	1x CM2410 1x Ei603TYC	GSM communication module with Ei Electronics heat detector, stand alone use. Suitable for RF.
<b>CM2410</b>	GSM communication module EAN: 8719324241151	1x CM2410	Mobeye GSM communication module. Extension set for integration with Ei605(TY)C and Ei603(TY)C.