MOBEYE GSM FIRE ALARM COMMUNICATOR

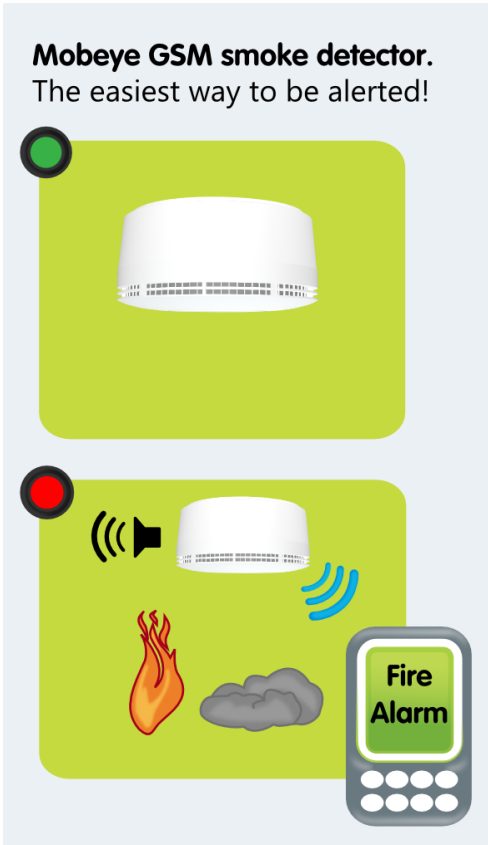
Mobeye CM2410 GSM Fire Alarm Communicator

Battery-operated GSM communicator for Ei Electronics smoke & heat detectors

The Mobeye GSM communicator CM2410 is the appropriate module for several Ei Electronics smoke and heat detectors.

The combination enables that detection of smoke or overheating results in the sound of a local siren and a notification by GSM to the self-defined contact persons, without the need for additional cables or telephone lines.
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 (CM2400) 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.

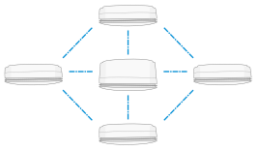


- simple to install
- no external power needed
- integrated GSM communicator

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 for temporary situations.

Accessory for Ei Electronics smoke and heat detectors

The CM2410 can be combined with the Ei605C and Ei605TYC smoke detectors and the Ei603C and Ei603TYC heat detectors. Equipped with the CM2410 these detectors can be used standalone or interconnected with other detectors in a cabled or wireless network, while only one is equipped with the GSM module. The other detectors in the network can be any detector in the 600- and 650-series, including the Ei650C. When the CM2410 is applied as stand-alone unit, without other detectors in a network, it can also be combined with the Ei650C, Ei650iC, Ei650W or Ei650iW.



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 GSM fire alarm communicator Technical data

GSM communicator	• Mobeye CM2410 GSM fire alarm communicator • Quad band EGSM 900/1800 - 850/1900 MHz • ETSI RED 2014/53/EU, 73/23/EEC, IEC/EN 50130
Security	• PIN code security for configuration
Configuration	• Via SMS text message: • telephone numbers (max. 5) • identification and alarm texts • frequency of test messages
(Alarm) messages	• SMS and/or call upon detecting the presence smoke • SMS at low batteries • SMS test messages ("keep alive")
Connectivity	• In a wireless or wired network of Ei detectors, only one (Ei605C, Ei605TYC, Ei603C or Ei603TYC) needs to be equipped with a CM2410. Upon an alarm, the sirens of all modules sound and alarm messages are sent via GSM
Dimensions	• Diameter: 12 cm, height: 3,8 cm (2,8 cm height increase)
Mobeye Internet Portal	• The CM2410 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
Ambient temperature	• 0° C ... 40° C
Power supply	• GSM module: 2x CR123 (lifetime > 1 year)[1]

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

About Mobeye

The company Mobeye is specialized in high quality GSM-based 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.

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