



Mobeye fire detectors with alarm reporting to contacts



CM4400

Mobeye 2G/4G Smoke Detector

The Mobeye 2G/4G fire detector kits consist of reliable smoke or heat detectors with alarm notification to contact persons. The combination of the Ei Electronics fire detector and the Mobeye communication module make fire alarms extremely effective. In the event of a fire detection, in addition to the siren on the spot, a warning will be sent via push message, telephone call, SMS and/or e-mail. No cables and local telephone line are required. The kit is fully battery powered. This makes installation easy. The built-in communication module can connect to the 4G LTE-M and 2G network.

The Ei Electronics smoke detector has a 10-year battery. Mobeye communication module works for more than a year on batteries. A message is sent when the batteries need to be replaced. By adding the AC-FA-EP accessory an external 12-24V DC source or mains adapter can be attached.



Stand-alone fire detectors, or several detectors in a network

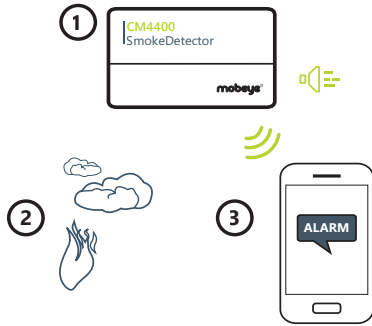
The CM4400 is suitable for situations where one smoke detector is sufficient. If multiple interconnected fire detectors have been opted for, an (externally powered) Ei Electronics relay module (Ei428RF or Ei413RF) is to be included in the wireless network with the communication module Mobeye PowerGuard (CM4100) connected to it. As soon as one of the detectors notices a fire, all sirens will sound and the Mobeye communication module will send a notification.

If smoke detectors are unsuitable, heat detectors are an alternative.

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HOW IT WORKS



The Mobeye CM4400 smoke detector kit warns people on the spot in the event of a fire, as well as contacts elsewhere. It makes the difference in helping the vulnerable and in the event of fire in vacant buildings.

- 1 Activate the detector in a few steps and set up the contacts.
- 2 Mount the smoke detector to the ceiling in a clean and dry area.
- 3 In the event of a fire, the siren sounds and the set contacts are informed by telephone.

Mobeye SIM, Portal & App service

The Mobeye Internet Portal offers a clear dashboard and essential functions, such as push notifications per app, online programming, setting up the notifications, insight into the status and history, network strength, events and position (Cell-Id). The 'keep-alive' monitor offers extra security by monitoring the receipt of test messages. You can activate the supplied Mobeye SIM card online.

CM4400 - Technical data

Article number CM4400	Product
CM4400H	<ul style="list-style-type: none"> 4G communication module with Ei Electronics smoke detector, for stand-alone use 1x CM4410, 1x Ei650iC, 2x CR123 batteries, SIM card
CM4400HRF	<ul style="list-style-type: none"> 4G communication module met Ei Electronics heat detector, for stand-alone use 1x CM4410, 1x Ei603TYC, 2x CR123 batteries, SIM card
CM4410	<ul style="list-style-type: none"> 4G communication module with Ei Electronics heat detectoren and RF module, for use in network with Ei detectors 1x CM4410, 1x Ei603TYC, 1x Ei650M, 2x CR123 batteries, SIM card 4G communication module as extension set for Ei650iC, Ei605TYC or Ei603TYC 1x CM4410, 2x CR123 batteries, SIM card
CM4100 + Ei413RF	<ul style="list-style-type: none"> Fire communication kit 1 as extension set for multiple (Ei) RF-fire detectors: 1x CM4100, 1x Ei413RF
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(Alarm) messages	<ul style="list-style-type: none"> fire alarm, battery low voltage, (missed) test report to private contacts via app, call, text message and/or e-mail, or to a control room (ARC)
Setting options	<ul style="list-style-type: none"> contacts (unlimited number) for alarm and service messages, message texts, test interval (keep-alive), ARC, etc.
CM4400	<ul style="list-style-type: none"> includes Ei650iC, optical smoke detector (>85 dB at 3 m), complies EN 14604, for use in residential areas, 0 °C ... 40 °C diameter 12 cm, height 6,7 cm
CM4410	<ul style="list-style-type: none"> power supply included: 2 x CR123 lithium batteries (battery life time: > 1 year at normal use) option: power module with country specific mains adapter (AC-FA-EP)
CM4100	<ul style="list-style-type: none"> power supply included: mains adapter + 2x CR123 lithium batteries (back-up in case of power failure)
Connectivity	<ul style="list-style-type: none"> 4G LTE-M (worldwide) + 2G EGSM Quad band the Mobeye SIM card and Internet Portal provide full functionality and optimum security. The 4G LTE-M network is very reliable and ensures a strong penetration against low energy consumption. 2G is available as a fallback 2G EGSM Quad band (850/900/1800/1900 MHz) when using your own SIM card, the device works (only) on 2G. The operation is "stand-alone", without using the Mobeye Portal. The alarm notifications are sent via SMS and telephone call to (max.) 5 contacts. Programming is done via (simple) SMS commands

Mobeye is specialised in high-quality 2G/4G/LoRa alarm and telemetry technology. Visit mobeye.com for more information about our technology, applications and detailed product information.

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