

GSM reporting on fire detectors



Which **MOBEYE GSM communication module** is suitable?

Smoke and heat detectors are always advisable, in many situations even mandatory. Initially this concerns a siren on site to inform those present. Reports by telephone to contact persons give an indispensable extra function to the fire detectors, which can save objects and possibly also lives.

Mobeye has made transmission modules suitable for the Ei Electronics products. Both for battery-powered smoke detectors and for 230V-powered smoke detectors, the target notification can easily be realised with Mobeye communication modules.

1 Battery powered Ei Electronics fire detectors

There are usually no additional requirements for the smoke detectors for existing homes. Here, battery-powered smoke detectors with GSM transmission are a simple and effective solution. The following options are available:

- Mobeye GSM smoke detector CM2400 (standalone Ei Electronics detector Ei605TYC incl. GSM notification);
- A network of wirelessly linked battery-powered Ei Electronics detectors (smoke, heat and CO detectors) including one Mobeye GSM smoke detector CM2400RF.

The CM2400 comes with a SIM card that you can activate online and which gives direct access to the online management environment (flat fee rate of € 4.00 per month (excl. VAT)). Reporting is done by call, text message, e-mail or ARC.

The smoke detectors work for 10 years on the internal batteries, the GSM communication module for over 1 year. To extend its battery life, we recommend connecting a mains adapter (12V-500mA).

2 230V-powered Ei Electronics fire detectors

Sometimes the environment or standards enforce the use of 230V powered smoke detectors. For this we recommend the following:

- A network of wirelessly linked powered Ei Electronics detectors (smoke, heat and CO detectors), preferably from the "3000" series. In the same wireless network, include one Ei428RF (or Ei413) wireless relay module; to its relay output you connect the Mobeye CM2100 GSM alarm dialer (incl. mains adapter).

The CM2100 comes with a SIM card that you can activate online and provide direct access to the online management environment (flat fee rate of € 4.00 per month (excl. VAT)). Reporting is done by call, text message, e-mail or ARC.

3 High-critical applications

If an extensive fire alarm system (with control panel, emergency exit indication, etc.) is mandatory according to the standards, the above solutions cannot be used.