MOBEYE All-in-one Container Alarm

Self-contained alarm system

The Mobeye Container Alarms respond to movements. As soon as the container is opened and the Passive Infrared movement sensor is triggered by a movement or air wave, the system will send an SMS text message and will make phone calls the user-defined telephone numbers.

Besides the PIR sensor, the unit has an internal temperature sensor. If the temperature limits are set, it will send alarm messages once the temperature gets out-of-range.

The Mobeye Container Alarm Systems are extremely energy efficient and can run for more than a year on a set of batteries. You will receive an SMS text message if these need to be replaced.

It is a user choice to connect the Container Alarm to the Mobeye Internet Portal and use the Mobeye SIM card or to use a SIM card from any provider. To ensure the ability of the system to communicate from the container, the unit is equipped with an external antenna.

Storage container security

Shipping containers are used for many more applications than sea transport. They offer a very practical solution a temporary office space, or to store stocks and equipment. But often these containers are located at parking places or remote terrains, which makes them vulnerable to burglary.

The Mobeye Shipping Container Alarms are designed to protect your belongings. The Mobeye i110 and Mobeye Argos Container alarm are self-contained alarm systems running on a set of batteries, with a built-in communication module. To ensure a reliable mobile phone network reach, the antenna is placed outside the metal part. In the event of an intrusion the Container Alarm will call you and send an SMS text message.

The range of Mobeye Container alarm offer the Mobeye i110 and Mobeye Argos Container alarm. Both are intruder alarm systems. The Mobeye Argos has some more options, such as a listen-in option to hear the sounds in and around the container.
The installation for basic operation takes only a few steps.

Mobeye i110 and Argos container alarms

The alarm functions	i110	Argos
• motion alarm via built-in movement detector (PIR)	√	√
• temperature alarm via built-in sensor	√	√
• Listen-in after alarm to hear sounds (verification)		√
• Alarm inputs for magnetic contacts, external PIR		√
• Option for external power (9-24VDC) and power failure alarm		√
• Option to switch an external device, siren or flashlight		√
Response after an alarm		
• SMS and/or call to preset numbers	√ (2)	√ (5 numbers)
• option for silent or loud entry delay and alarm	√	√
Operation and programming		
• Arming and programming via keypad	√	√
• Arming via automatic time schedules	√	√
• Programming via online Mobeye Internet Portal	√	√

Specifications
- Detection range : +/- 8 meter (360°)
- dimensions: 90 x 161 x 35 (mm)
- "battery low" SMS notification for low battery voltage

- battery life> 1 year (even in case of a daily report)
- power supply: 4 * lithium 3V batteries (included)
- communication: Quad band EGSM 900/1800 – 850/1900MHz

Remote Operation

Arming and disarming can be done by the keypad. The battery-operated Mobeye Container Alarm can't receive commands from remote to arm or disarm, since the communication module will be switched off most of the time. The Mobeye Argos has to program time schedules for (dis)arming. If an external power source is connected, the Mobeye Argos can also be (de)activated by SMS text commands.

Mobeye Internet Portal & SIM service

The Mobeye alarms can be deployed 'stand-alone', using a regular 2G SIM card.
We offer the option to connect to the Mobeye Internet Portal in combination with a cost-friendly SIM card. The web-based portals offers more features, easier management and more security.

Alarm situations are still reported by call, directly from the alarm device. Additionally, the portal:
- forwards (alarm) messages via SMS and e-mail. Alarm and technical messages can go to different persons.
- allows remote programming via the internet (automatically sync at test messages)
- allows you to add a name and location to each device, which will be included in the alarm messages
- displays historical data
- monitors the test messages ('keep-alive'), sends exception reports in case of a missed message

About Mobeye

The company Mobeye is specialized in high quality GSM/3G/4G/LoRa 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.