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## Introduction

The module for remote signalling notifies of a general alarm activation of the safety storage cabinet via call and/or SMS alarm messages. The user can set the details of up to five contacts.

The module for remote signalling ION-LINE can be ordered as additional equipment and will be enclosed with the cabinet at delivery. It is also possible to retrofit the module.

The customer carries out the installation or retrofit of the module.

The module used for remote signalling is the PowerGuard CM4100 from Mobeye.

## Scope of delivery

1. Mobeye PowerGuard CM4100
2. Adapter with EU Plug 230 V / 12 V
3. Installation Guide CM4100
4. Connector with cable for connection to model CS or CC,  
already wired to CM4100
5. Connector with cable for connection to model PS or PC,  
already wired to CM4100
6. Information sheet HF.E.33469

## Requirements

- A power supply with a type C or F power socket is strongly recommended, although the module can also be powered by batteries.
- An appropriate SIM card needs to be provided by the customer. Communication will only be possible via 2G. Alternatively an EU only SIM card by Mobeye, which can be activated via online portal by user if wished is enclosed. By using this portal, an unlimited number of contacts for SMS and mail contact can be defined. Detailed information regarding costs and conditions are set by Mobeye and can be found in their product documentation.

## User supplied SIM card

Type/Size: Micro-SIM

Insert your own SIM card before installing the CM4100 and follow the instructions in the manual.

## Positioning of the module

In accordance with our evacuation system in the event of a fire, we recommend a loose positioning on top of the cabinet or a fixed position next to it.

In case of an evacuation of the cabinet, the connector (brown or black) will disconnect independently.

## Connect and set up the module

At the CM4100, the connectors are pre-wired, as well as the Adapter with EU plug.

Safety storage cabinet IO90.195.120.PS.WDC or IO90.195.120.PC.WDC	→ Connect the cable with the black connector to the black connector of the cabinet  → The cable is connected with the Input IN1 of the Mobeye PowerGuard CM21. In case of an alarm a SMS with the text Alarm1 will be sent.
Safety storage cabinet IO90.195.060.CS.WDC or IO90.195.120.CS.WDC or IO90.195.060.CC.WDC	→ Connect the cable with the brown connector to the brown connector of the cabinet  → The cable is connected with the Input IN2 of the Mobeye PowerGuard CM21. In case of an alarm a SMS with the text Alarm2 will be sent.

The procedures for connecting the module to an external power supply and inserting the batteries, as well as further details for setup, changing numbers and module settings are detailed in the enclosed manual.

## Testing of the Alarm Functions

To check the module's function after set up, we suggest the following procedure:

Power failure: power supply of Mobeye PowerGuard CM4100 only

- Disconnect the Adapter from the socket
- The module sends a SMS with the information “**Power failure**“ or the customised text to the set mobile number.

Power failure: Safety storage cabinet IO90.195.120.PS.WDC or IO90.195.120.CS.WDC

- Disconnect the Adapter from the socket
- The module sends a SMS with the information “**Alarm 1**“ or the customized text to the set mobile number.

Smoke Detection: Safety storage cabinet IO90.195.060.CS.WDC or IO90.195.120.CS.WDC or IO90.195.060.CC.WDC

- Activate the smoke detector with standard smoke detector test spray
- The module sends a SMS with the information “**Alarm 2**“ or the customised text to the set mobile number.

## Manual of Mobeye PowerGuard CM4100

Enclosed with delivery or accessible here:

<https://www.mobeye.com/files/UM-Mobeye-CM4100-EN-Actual.pdf>