mobeye®

Call for help
at the touch of the button

CM4500
Mobeye Panic Button

The Mobeye Panic Alarm notifies contact persons after pressing the button. The panic button requires no wiring and runs on batteries for a long time. Compact and reliable. The box can be placed close to a person, under a desk, bed or near a machine. The built-in communication module can connect to the 4G LTE-M and the 2G network.

After the button has been pressed, the Panic Button alarms with a push message, telephone call, SMS and/or e-mail. The contact persons can be set, with multiple options for the alarm message. Reporting to an emergency room (ARC) is also possible.

The Mobeye Panic Alarm works for more than a year on a set of batteries. The response time is around 20-25 seconds. This time can be shortened by using an external power source (12-24V DC or mains voltage).

The set-up is ready in a few simple steps. The detector may be placed as free-standing unit or hung via the mounting holes.
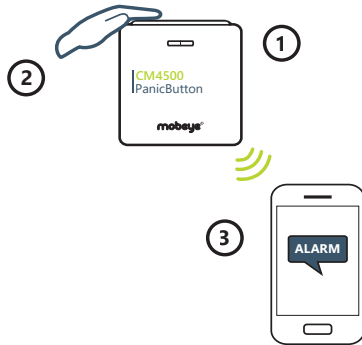
Panic button for extra security

The button is located at the backside of the housing, ideal for operation from under a desk or bed. If a larger single touch button is required, an external button can be connected.
Typical applications are personal protection for lone workers, vulnerable people at home or as a safety measure for (store) staff.

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HOW IT WORKS

The Mobeye CM4500 alerts contacts after pressing the button. The panic alarm sends a notification to predefined contacts. This provides extra security in vulnerable situations.

1 The settings and contacts are prepared in a few steps. Fix the box in a place close to the person.

2 After pressing the button, the communicator will react immediately and send the alarm messages.

3 The contacts are informed by telephone with a predefined alarm text. When using the portal and app, an escalation plan including alarm confirmation can be set.

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.

CM4500 - Technical data

Contents	• CM4500, 2x CR123 batteries, SIM card
(Alarm) messages	• panic alarm, power failure, battery low voltage, (missed) test report • to private contacts via app, call, text message and/or e-mail, or to a control room (ARC)
Reporting	• status, setting list, event history, network strength and position based on Cell ID
Setting options	• contacts (unlimited number) for alarm and service messages, message texts, test interval (keep-alive), ARC, etc.
Inputs	• push button, 2x NO/NC input (potential-free), 1x 12-24V DC (+/- 2V)
Power supply	• 2x CR123 lithium batteries *or* 12-24V DC (regulated) + 2x CR123 lithium
Battery lifetime	• > 1 year at normal use (battery operated), > 3 years at normal use (powered externally)
Dimensions	• 94 x 94 x 28 mm
Connectivity	• 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
Accessories (not included)	• mains adapter, external push button

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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