compact and reliable battery-operated intruder alarm

iCM41
Mobeye MiniPir intruder alarm

The Mobeye MiniPir is a compact all-in-one burglar alarm system for monitoring indoor areas. The built-in communication module reports intrusion to contacts by telephone. The MiniPir is fully battery powered. It can be put down or hung.

As soon as the passive infrared sensor detects movement, the MiniPir alerts an unlimited number of contacts with a push message, telephone call, SMS and/or e-mail. The push message arrives in the Mobeye Messages app. This can go as a group message to all contacts at once, or in a specified order; an acknowledgment then prevents the message from being sent to the others. If no one confirms, the device calls the contacts.

Options for switching on and off, silent or loud alarms

You can switch the MiniPir on and off with the included tags. In addition, time schedules for automatic switching can be set via the online portal. When the MiniPir is connected to external power, SMS operation is also possible. The MiniPir has a built-in piezo siren for silent or audible alarms, and a switch output for connecting a louder siren or external device.

Set-up in the Mobeye Portal

The MiniPir works with the Mobeye SIM card. Activating and setting up the device is done in the user-friendly online portal. The contacts and method of alarm reporting can be set here. The Mobeye SIM card can be used internationally using the 4G LTE-M and 2G network.

iCM41
Mobeye MiniPir

HOW IT WORKS

The Mobeye MiniPir reacts to suspicious movements and immediately sends a notification. An intruder cannot pass by unnoticed.

1. Position the box flat or mount it on the wall in a clean, indoor environment. Ensure the sensor is directed toward the room, avoiding glare or direct sunlight on the lens.
2. Arm the device using the associated tag or configure schedules for automatic arming and disarming.
3. When a "moving heat source" is detected, the MiniPir sends alarm messages to the contact persons.

Mobeye SIM, Portal & App service

The Mobeye 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 and position (Cell-Id). The 'keep-alive' monitor monitors the receipt of test messages. You can activate the supplied Mobeye SIM card online.

MiniPir - Technical data

Contents	• MiniPir, 2x tag, 2x CR123 batteries, SIM card
(Alarm) messages	• intruder alarm, input 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, settings, event history, network strength and position based on Cell ID
Setting options	• contacts for alarm and service messages, message texts, sensor sensitivity, silent or loud entry indication, siren on or off, switching behaviour of the output, test interval (keep-alive), ARC, etc.
Operation	• arming and disarming via tags (i-button), time schedules and - if powered externally - SMS
Inputs	• 2x NO/NC input (potential-free) for additional sensors
Output	• 1x switching output (for device control, externally powered or from MiniPir)
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)
Detection range	• ±5 meter, 90° angle
Dimensions	• 94 x 94 x 28 mm
Connectivity	• 4G LTE-M (worldwide) + 2G EGSM Quad band the Mobeye SIM card and 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
Accessories (not included)	• additional tags, mains adapter • external antenna (cable length 30cm, 250cm or 10m); this option makes the MiniPir suitable for use as a "container alarm" and for other places with a weak network strength

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

Mobeye MiniPir - product versions		
Product	Antenna	
iCM41	internal	
iCM41C "container version"	external, 250 cm cable	