



## CM4000

### Mobeye Reel Alarm

During prolonged dry weather, irrigation systems ensure that crops and agricultural land remain moist. However, the irrigation reel must be moved regularly. The Mobeye reel alarm alerts the farmer when the reel has reached the end of a strip.

#### HOW IT WORKS



**The Mobeye CM4000 monitors the output contacts of your installation and sends notifications to your telephone.**

- 1 Connect an output contact from the irrigation reel or water pump to the input of the CM4000.
- 2 In an alarm situation, the output contact will switch and transmit the signal to the CM4000.
- 3 The CM4000 sends a notification as a push message via the Mobeye app, call, text message or email to the contact persons.

#### Signalling for various installations

Depending on the situation, various connection options are possible between the reel, water pump and the potential-free inputs of the CM4000.

- The irrigation reel switches its relay contact when it reaches the end stop.
- Most water pumps that shut off automatically have a (relay) output signal.
- A sensor in the hose of the reel or water pump gives a signal in case of abnormal pressure.

The CM4000 can operate entirely on battery power. External power supply is also possible (12-24VDC or via a mains adapter). With external power supply, an alarm is also triggered in the event of a power failure.

#### Reel alarm and pump control

Use the Mobeye CM4042 to remotely switch off the water pump and thus prevent water loss. Its two relay outputs can be connected to the water pump's stop and start mechanism. It is operated via SMS text commands, manually sent or automatically by the reel alarm (CM4000); see the information sheet "CM4042 pump control".

#### Mobeye

##### agricultural products

Mobeye is a Dutch company with local development and production. Using sensors and low-power telemetry, Mobeye offers products for the agricultural sector, among others. The products have been optimised for use in close consultation with the sector.

Would you like help or more information? Please contact us.



The Mobeye Sim/Portal service provides you with a reliable solution: connection to the strongest network, an online portal and notifications to your contacts via (among other things) push app. Mobeye offers this service at an affordable price. For more information, see the information sheet "Mobeye Sim/Portal