

Signal digital mouse and rat trap

Trapping rodents in a smart way with the most modern sensor technology by Xignal! Monitoring and recording rodent activities takes place 24/7. This creates room for intensive and efficient inspections. This saves costs. The non-tox digital trapping fits in with integrated pest management. Xignal is the solution for now and the future: Intelligent and sustainable pest control.



Detect

Xignal detects the status of the mouse and rat trap: armed, unarmed or catch. Xignal also monitors the temperature of the trap 24/7.



Send

Through the LoRa technology the communication runs via your private or public network. Xignal's end-to-end solution, from sensor to online portal, is easy to use.



Report

Through our apps and online portal, you can monitor the status of all your traps 24/7.



Dimo Systems BV

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PO Box 875

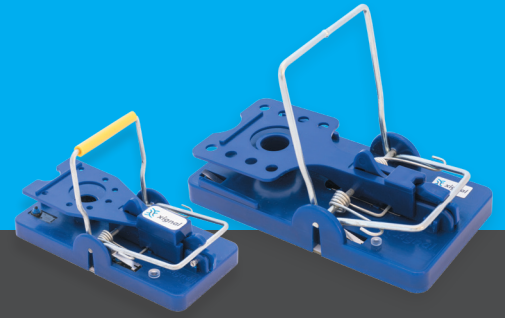
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Patent Pending: N2018579

detect → *send* → *report*
www.xignal.com



Physical specifications

- Dimensions
 - Mouse: 97.3 x 46.9 x 58 mm
 - Rat: 138.9 x 75.8 x 67 mm
- Weight
 - Mouse: 77g
 - Rat: 201g
- Battery:
 - (rat 3x, mouse 2x) CR2032 batteries
- Antenna: Integrated
- Operating Temperature: 0 to 55°C
- LED: 1x RGB, integrated

Features

- LoRaWAN™ Certified
- Daily trap state updates including temperature data, battery level and status.
- Instant update
- Easy installation, works out of the box
- Ability to detect false-positive 'catches' (the trap snapped, but didn't catch anything)
- Ability to perform diagnostic ranging tests
- Reset feature
- Low power consumption
- IP67
- CE, FCC Certified

App/Portal

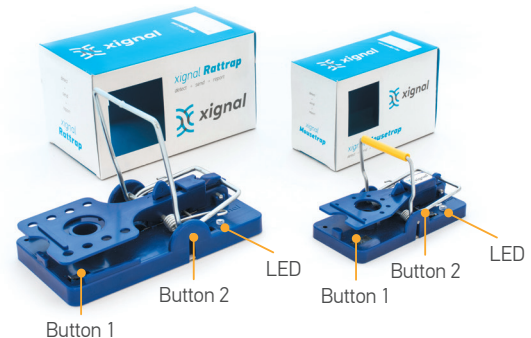
- Unlimited Locations per account
- Multiple sub users
- Unlimited Devices
- Register by QR-code (App)
- Push notifications by mail
- Floorplan (web portal)
- Unlimited history
- Data export (Excel/CSV)
- Free Portal and App



Enterprise

Contact us

For custom solutions like connection with your existing application.



How to use the intelligent Signal traps?

You will receive the Signal trap in a 'deep sleep' mode. He 'sleeps'. In this mode normal functions are turned off. This way the battery lasts longer. To switch on the Signal trap, press buttons (1) and (2) simultaneously until the LED turns red. The Signal trap registers via the gateway, a connection between the Signal trap and the internet. During the startup, the LED will turn yellow. After about 3 seconds, the LED turns off. As soon as the LED is off, the Signal trap is in the normal mode. Once a day the Signal trap will send its measurements and status to the Signal server. To check out the functioning of the Signal trap in between, press the back button (2) briefly. The LED will blink

blue. If the Signal trap is within the range of a gateway, the LED will turn green. If not, the LED will turn red. In that case, try again to establish the connection to check the Signal trap. If the LED is red again, start up the Signal trap anew. Follow the steps according 'To switch on'.

If the Signal trap is temporarily unused, you can put it into the 'deep sleep' mode. This way the battery will last longer. This mode is reached by pressing both buttons (1) and (2) at the same time. After about 1 second the LED will turn red. Keep both buttons pressed. After about 5 seconds the LED will turn off. Then let go of the buttons. The Signal trap is now in the 'deep sleep' mode. It may occur that when the two

buttons are released, the LED will blink blue.

This is not an issue. The Signal trap will end in the 'deep sleep' mode after flashing. If, after letting go of the buttons, no LED is burning and the Signal trap doesn't respond after pressing the back button (2) to test the range (see 'Check it out'), you know that the 'deep sleep' mode has been reached.

In case of a problem, press both buttons (1) and (2) simultaneously to reset. Press the buttons until the LED turns red. The Signal trap will now re-run its startup procedure (see 'To switch on'). After about 3 seconds, the LED goes out and the Signal trap is in the normal mode. The Signal trap has now been reset.

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