

INSTRUCTIONS FOR USE

sensor Gas Detector

Item numbers:

911131324 (black)

911131443 (gray)

911131323 (white)



GENERAL PRODUCT INFORMATION

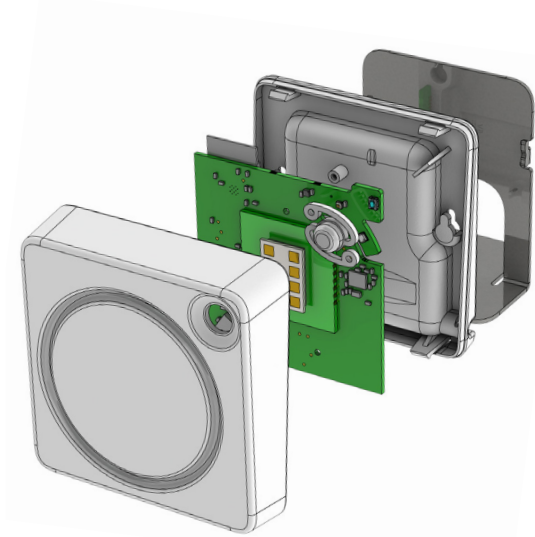
The **sensor Gas Detector** is an accessory device for the sensor alarm system. It works only in conjunction with a sensor base unit and expands the alarm system's functionality to include:

- **Gas Detection** (propane, butane, CO)
- **Audible Alarm** (in the event of a break-in)
- **Battery Monitor** (12/24V charge level indicator)

The connection to the sensor alarm system is established via the **sensor app**. Here, you can customize the Sensor gas detector and view and track battery status data.

AREAS OF APPLICATION

- RV
- Travel Trailers
- Camper Vans
- Vacation Homes
- Gardens
- Garages



SAFETY INSTRUCTIONS

- ⚠ The sensor gas detector detects propane, butane, and carbon monoxide (CO). It cannot detect all types of gases, vapors, or smoke.
- ⚠ The sensor gas detector does **not** replace regular maintenance of gas appliances, leak tests, required CO safety measures, and smoke or fire alarms.
- ⚠ The sensor gas detector is designed to emit a loud alarm. This can cause startled responses, stress, or a brief rise in blood pressure in sensitive individuals.
- ⚠ Do not hold the siren too close to your ear, and avoid prolonged exposure to the siren when it is turned on at close range (<3 m) to prevent hearing damage.
- ⚠ Make sure the siren cannot be turned on while driving to avoid distractions on the road.
- ⚠ If the siren is connected to a vehicle's power supply via the connectors on the back, make sure the power is turned off when you connect it.
- ⚠ Read this **What to Do If Detection Occurs** Carefully read page 3 of this document and take appropriate action to prevent life-threatening accidents.

*For additional manufacturer and usage instructions, see page 4 of this document.

TECHNICAL SPECIFICATIONS

Dimensions	79.9 x 79.9 x 23.6 mm
Location	Only indoors, protected from direct sunlight
Controls	1 push button
Ad Elements	4 red LEDs 1x piezo speaker, 100 dB (1 m)
Operating temperature	-10°C / +50°C
Relative Humidity	Max. 70%; condensation must be prevented
Power Supply	4.5 VDC ~ 26 VDC, 0.25 A (I max), 1.25 W (P max)
Average Power Requirement	Sensors on: 825 mW; Sensors off: 75 mW
Interfaces	USB-C (at least 5V/1A), Bluetooth 5.3 LE
Conformity	CE, RoHS

INSTALLATION INSTRUCTIONS

1. Connect the device using a USB cable and a USB power adapter. Alternatively, connect the battery using the terminals on the back.
2. Open the sensor app and click on **Location** > **Device Settings** > **Accessories**
3. Select the appropriate accessory from **Accessories** > **Add Accessories**
4. Click on the accessory you want to add and start your search.
5. Click on the device you found and want to add. You don't have to wait for the search to finish.

Please note:

To start up the device, it must be connected to a power source. The device will then start up automatically.

You must be within radio range of the sensor and its accessories to add them.

You can only use the accessory's features after you have successfully added it to the sensor app.

After the device is turned on, the gas sensors are calibrated first. This can take up to **10 minutes**. The device will be out of service during this time.

INSTALLATION INSTRUCTIONS

There are three mounting options available for installing the sensor gas detector:

1. Hook into the screw connection
2. Attachment to the wall mount
3. Freely positionable with a stand

Since petroleum gases are heavier than air, the Sensor gas detector should be installed close to the floor. Do not place the device behind curtains, furniture, or in cabinets. Also, keep it away from windows, doors, and sources of fire to avoid false alarms.

To use the battery monitor function, connect the device to the battery using the 12/24V connectors on the back. The polarity (+/-) does not matter.



When installing the sensor gas detector, make sure that the cable is not kinked, pinched, or damaged.

NOTES ON USE

The Sensor gas detector can perform three functions in your alarm system.

You can configure these individually in the Son-sor app. You'll find the settings for this under:

"Gas Detection > Settings (three dots in the upper right corner) > **Configure"**

1. Gas Detector

Adjustment options:

- Selection of Gases to Be Detected
- Type of Alert When Detection Occurs
- Volume of the alert when detection occurs

2. Burglar Alarm

Adjustment options:

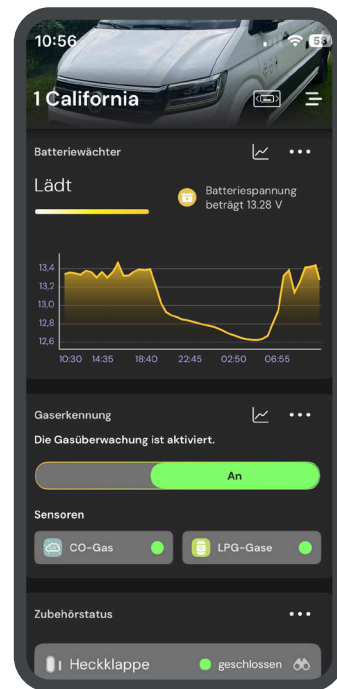
- Integrating the siren into the burglar alarm system
- Volume of the burglar alarm
- Visual alert (LEDs) in the event of a break-in

3. Battery Monitor

Adjustment options:

- Using the Battery Monitor Function
- Selecting the Battery to Use

You can view your battery's charge levels in the history view and in the detail view of the battery



WHAT TO DO IF DETECTION OCCURS

LPG (propane or butane)

DANGER: Risk of explosion

1. Do not use open flames
2. No Smoking
3. Do not operate any electrical switches
4. Do not unplug or plug in any cords
5. Open the windows and doors
6. Shut off the gas supply (if possible)
7. Leave the danger zone
8. Call emergency services

Carbon monoxide (CO)

DANGER: Carbon Monoxide Poisoning

1. Open the windows and doors immediately
2. Turn off the incinerator (if possible)
3. Get everyone outside
4. If you experience any symptoms (headache, nausea, dizziness), call emergency services
5. Have the cause checked by qualified personnel

MEANING OF THE LED INDICATORS

The LEDs light up audible signal	Device starts up
The LED lights up 2 beeps	Factory Reset (Start)
3 beeps	Factory Reset (Confirmed)
LEDs are blinking	Gas detected
The LEDs are flashing rapidly audible signal (depending on the setting)	Gas Alarm
The LEDs light up audible signal	Button Test
The LEDs are flashing slowly	Calibration



MAINTENANCE INSTRUCTIONS

The sensor gas detector contains no components that require maintenance. However, you should make sure to update the sensor app at regular intervals.

Regularly check your sensor gas detector, the cable, and the power adapter for damage. If the device malfunctions or is damaged, please stop using it.

For a **Functional Test** To check for LPG, you can spray gas from a lighter onto the opening at the top left of the device.



DISPOSAL INSTRUCTIONS

-  This product must not be disposed of with household trash.
-  Used electrical appliances and batteries must be collected separately and disposed of in an environmentally responsible manner.
-  Drop off old appliances at municipal collection points or appropriate drop-off locations.

MANUFACTURER AND USAGE INSTRUCTIONS

- ! pironex technology GmbH assumes no liability for device malfunctions during operation or in the event of a power or server outage.
- ! The sensor base unit and the sensor app require constant Internet access. This is the only way to ensure that push notifications are delivered reliably.
- ! Make sure you're using the latest version of the sensor app. To find out if an update is available, check the App Store or Google Play Store regularly.
- ! Use the device only as described in the user manual. The user manual can be downloaded at <https://www.sensor.de/downloads>.
- ! Sensor devices may only be operated using the included power cord and a power adapter or a compatible power bank.
- ! It is not permitted to operate the sensor alarm system with a damaged device, power supply, or cable. The damaged component must be replaced immediately.
- ! The device is not weather-resistant and is intended for indoor use only.
- ! Do not place the sensor device on radiators or over stovetops, and keep the device away from other heat sources.
- ! No foreign objects or liquids should enter the device.
- ! If you notice any abnormalities or irregularities with your device while using it, please contact the manufacturer.

MANUFACTURER INFORMATION

Manufacturer:

pironex technology GmbH
 Stangenland 4
 18146 Rostock
 Germany
 Email: kontakt@sensor.de
 Phone: 0381/ 700608 0

Customer Support:

In the sensor app, go to User > Help > Support
 Online at: <https://sensor.de/pages/kontakt>

If the product is defective, please contact your supplier with a detailed description of the problem.

