



## SatSENS.gas

Alerting in case of gas inlet for the protection of persons.

Not only in the sector of high security transports but also in the private sector (e.g. camping) assaults and robberies often begin with the stunning of drivers / residents by commercially available gases. To avoid those raids and warn those affected people we offer the *SatSENS.gas* with audible alarm.

The main focus of the *SatSENS.gas* is alerting people in close proximity to the sensor. This will be realized by the acoustic signal in case of an alert. The high volume and tone supports to be conspicuous and to wake up sleeping persons. For this reason the sensor was created to be independently and can work without other components.

The *SatSENS.gas* also supports a power On/Off button to disable the alert function temporarily in case of cooking or other situations.

### Overview of strengths:

- Detection of commercially available gases like propane, butane and other anaesthetic gases
- Audible and visual alerting in case of gas alarms, independently usable
- Compatible to devices of the *SatMOS*<sup>®</sup> family and third-party systems
- On/Off button to disable the function, e.g. when cooking with gas

### Specifications:

- Operating voltage : 9 - 36 V @ 70 mA
- Weight: 50g
- Dimensions: 101 x 37 x 27 mm (length x width x height)
- Operating temperature: -10°C to +80°C
- Gas detection: 50ppm of butane, propane or other anesthetic gases
- Alarm-Signal: 87dBm alerting signal f. 30sec, then 30sec break, then repeat
- Pedetection time: ca. 4 minutes



### Indications

- Predetection = green LED glows continuously
- Standard state = green LED flashes very slowly / rarely
- Alarm situation = green LED flashes quickly / often (together with beep tone)
- Constant sound = Sensor error, e.g. dusty / dirty

### Connections

- Parallel connection of any number of sensors possible
- 4-wire (3 used), colored, approx. 2m, RJ45 socket on device side, open cable end
- White = Voltage, e.g. +24V
- Brown = 0V/GND
- Green = digital alarm signal, 0V: no alarm!, >1V gas alarm!