



OLFOSENSE

Device for area monitoring of environmental conditions

Network for odor management

AIRSENSE Analytics has developed OlfoSense, the new control tool designed to create a network for odor leakage monitoring over large areas and at the perimeter of plants.

OlfoSense is a versatile device that can be used for urban air monitoring, putting you in constant touch with factors that affect public quality of life.

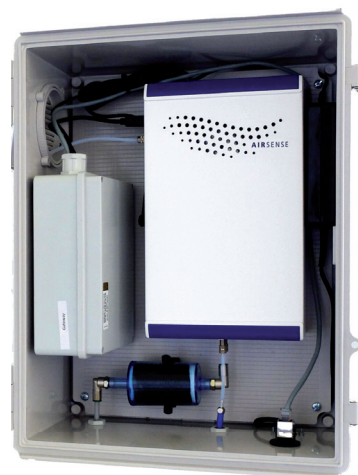
Chemical and petrochemical plants are high impact and entail environmental risks. People often complain about odors and that can lead to increased public health fears. An OlfoSense network guarantees protection in such dangerous cases, where the Bureau of Environmental Protection can react immediately if thresholds are exceeded.

Technology

- Photoionization Detector (PID)
- electrochemical cell (EC)
- 4 metal oxide semiconductors (MOS)



Chemical
defense



Important features of the OlfoSense

- 24/7 monitoring
- Wireless sensor network
- Outdoor operation
- Combination of 3 sensors
- Full-time monitoring



Made in Germany

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Alarms

It is very easy to set threshold values for each OlfoSense by remote control; if thresholds are exceeded, OlfoSense sends an alarm to the operator or to the local authorities. In these cases, it's also possible to activate an external sampling system (canister, ecc.) for chemical-toxicological analysis.

Monitoring parameters

Measure time for cycle	from 30 s. to infinite
Number of cycles in sequence	up to infinite
Flush time	from 50 sec to 7200 sec

Detectors

MOS Sensor Array	Each calibrated with a specific temperature.
VOC detector	PID 10.6 eV – Sensitivity: 0.5 - 20 ppm, (optional 0.5 - 200 ppm).
H2S detector	electrochemical cell - Sensitivity: 0.5 - 50 ppm
NH3 detector	electrochemical cell - Sensitivity: 0.5 - 100 ppm

Communications

Data transfer	UMTS / LTE
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System Requirements

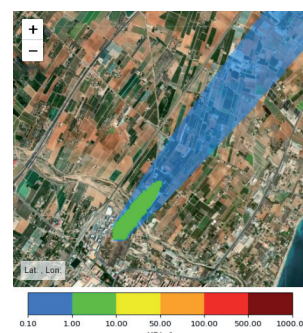
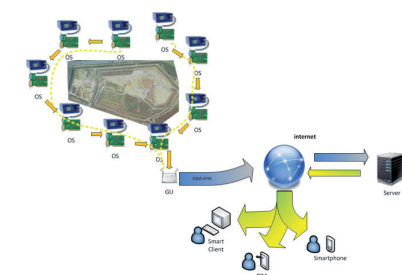
Operating system	Windows XP, Vista, Windows 7, Windows 10 Windows 11
Software	OlfoMuster (setting), OlfoClient (remote control)

Weight
8.0
kg

Dimension
350x450x200
mm

Power
25W 220V/50Hz
or solar panel

Warranty
12 months



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