



MethaSense Trace : Real-Time Natural Gas Monitoring



MethaSense Trace is a transportable natural gas monitoring solution designed for gas utilities.

It can be rapidly deployed indoors or outdoors to deliver **real-time monitoring**, giving management **enhanced situational awareness**.

By combining innovative **NDIR sensing**, **wireless connectivity**, and **cloud-based analytics**, MethaSense Trace allows utilities to remotely track conditions and respond quickly to changes.

Monitoring applications include:

- Existing leaks (EU 2019/942 – Methane emissions in the energy sector).
- High-risk locations, such as “no-gas” found scenarios in properties.

With its ability to reduce risk and improve operational efficiency, **MethaSense Trace** provides **high-performance monitoring at a low total cost of ownership**.



TELEDYNE
GAS AND FLAME DETECTION
Everywhereyoulook™



METHA SENSE

Key Features :



Next-Generation NDIR Sensor

Purpose-built for methane (natural gas) monitoring, this ultra-low-power sensor delivers high-performance detection with minimal energy consumption.



Exceptional Methane Sensitivity and Measurement Range

Provides 10× higher methane selectivity than previous-generation sensors, with a minimum detection threshold of 50 ppm.



Connectivity

Integrated LoRaWAN, long-range wireless communication to interface with a LoRaWAN gateway for cloud connection and remote monitoring.



Regulatory Compliance

Fully aligned with EU 2019/942 Regulation - methane emissions reduction in the energy sector...



Long-Life Battery Operation

Powered by a replaceable battery with a lifespan of over 10 years, enabling long-term field deployment with minimal maintenance.



Stable, Calibration-Free Performance

Engineered for drift-free operation, eliminating the need for recalibration over time.



Built for Gas Utilities

IP67-rated, with integrated temperature and humidity sensors provide enhanced environmental suitability.

MethaSense Trace: Natural Gas detection, monitoring and reporting.

Trust Teledyne Gas and Flame Detection for your safety needs.



LEARN MORE



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