



MethaSense Trace : Wireless Methane Early Detection



METHA SENSE



MethaSense Trace is an autonomous, battery-powered wireless detector designed for early detection of methane across a wide range of industrial applications.

Its **high sensitivity** and **wide measurement range** enable reliable early detection at concentrations in the hundreds of ppm, as well as %LEL safety alarm thresholds.

By increasing the number of gas detectors at a **low installation cost** and with **very low detection thresholds**, MethaSense Trace enhances facility safety through:

- Detecting gas clouds at lower concentrations
- Faster detection of events
- Increased likelihood of identifying small leaks

MethaSense Trace seamlessly interfaces with Fire & Gas detection systems to provide comprehensive safety coverage.



TELEDYNE
GAS AND FLAME DETECTION
Everywhereyoulook™



METHA SENSE

Key Features :



Next-Generation NDIR Sensor

Purpose-built for low-level CH₄/LEL emissions monitoring, this ultra-low-power sensor delivers high-performance detection with minimal energy consumption.



Exceptional Methane Sensitivity and Measurement Range

Offers 50 ppm sensitivity for early detection with 100% LEL full scale capability to set appropriate safety alarm system.



Advanced Connectivity

Supports LoRaWAN, long-range wireless communication with configurable alarm thresholds and communication intervals.



Long-Life Battery

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 Industrial Environments

IP67-rated, Zone 1 ATEX & IECEx certified for reliable use in demanding industrial settings.



Strengthens Traditional Gas Systems

When combined with wired gas detectors, wireless MethaSense Trace units can be installed in open or well-ventilated areas, extending coverage and improving system reliability.

MethaSense Trace: Detect methane leaks fast.

Trust Teledyne Gas and Flame Detection for your safety needs.



LEARN MORE



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