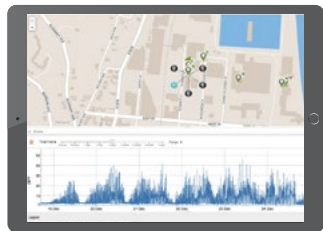


# WAVELET ODOR DETECTION KIT



## SUMMARY

The Wavelet Odor Detection Kit offers a low-power solution for the real-time measurement of hydrogen sulfide (H<sub>2</sub>S). This gas is often not detected and can corrode components of sanitary sewers. Operators require real-time monitoring of H<sub>2</sub>S concentration to detect toxicity and odor issues before they cause damage.

The Wavelet Odor Detection Kit is a low-power solution that provides reliable hydrogen sulfide data streams. It is ideal for sanitary sewer applications, treatment plants, and odor control. It contains a highly accurate sensor that meets the EPA's odor awareness requirements.

## FEATURES

- ▶ Automatic SMS & Email Alerts
- ▶ Certified Intrinsically Safe for Hazardous Environments
- ▶ In-Situ Continuous Hydrogen Sulphide Monitoring

## APPLICATIONS

- ▶ Asset Management & Odor Control
- ▶ Locate & Eliminate Gaseous Contaminants
- ▶ Gas Monitoring in Manholes, Drains, and Pits

## SENSOR SPECIFICATIONS

<b>H<sub>2</sub>S Range</b>	0 – 1,000 ppm included. Range of 0 – 2,000 ppm also available.
<b>H<sub>2</sub>S Resolution</b>	0.1 ppm
<b>H<sub>2</sub>S Accuracy</b>	1% full span
<b>Operating Temperature</b>	-10°C to 40°C (14°F to 104°F)
<b>Relative Humidity Range</b>	15 – 90% (non-condensing)
<b>Pressure Range</b>	Atmospheric ±10%
<b>Waterproofing Rating</b>	IP 66 (NEMA 4)
<b>Suggested Use</b>	Continuous monitoring may be achieved by cycling two sensors in and out of the gas stream, such that each unit is only exposed to gas for a one month period. The deployment cycle for each sensor would be thirty days in service, allowing the other sensor to recover for one month and prolong the life of both sensors.

**Model No. WA1111-SE00040-WA00129**

**Wavelet Odor Detection Kit includes:**

- Wavelet Device & Activator
- 4G (LTE), 3G, 2G Global SIM Card
- Internal Lithium Battery
- Installation Hardware
- External Power Connector
- **WA00129** External Cellular Antenna
- **SE00040** H<sub>2</sub>S Gas Logger, 0-1,000 ppm, 1 m (3-ft) Fiber Optic Adapter and 3 m (10-ft) Cable