



Limited Only By Your *Imagination*

## Gas Detection

SolutioNet™ 4.0

### Model IIOT-2080

IIOTTTI employs any number of methods utilizing our unique devices for monitoring, transmitting and integrating gas emissions data across your facility, to offsite destinations and/or around the globe. IIOTTTI patented gas and vapor sensors not only test for hydrocarbons but also test for a large class of other commonly used and potentially dangerous industrial compounds (VOCs, H<sub>2</sub>S, O<sub>2</sub>, etc.). The versatility of the gas and vapor sensor assures a “protective umbrella” that quickly and accurately discovers the presence of fugitive emissions and quickly notifies authorities of the location and type of gas. Improving environmental safety for all employees is the rationale behind this device. IIOTTTI has the total wireless solution. The performance, reliability, and service life of all their devices, operating in some of the most demanding and congested environments, are proven unequalled. IIOTTTI gas and vapor sensors are available in a powerful self-contained and self-powered unit. Perfect for operating in areas where AC power is unavailable, IIOTTTI single point gas and vapor monitoring systems provide essential and timely information when and wherever needed.

This model has been tested and approved for countless environments both atmospheric and submersible offering operating ranges as defined by specific

application (LEL, ppm, ppb). Gases monitored include but are not limited to VOCs, Nh<sub>3</sub>, CO, CO<sub>2</sub>, Cl<sub>2</sub>, H<sub>2</sub>S, O<sub>2</sub>, and SO<sub>2</sub>.

The IIOTTTI gas emission monitoring system operates independently or grouped with our patented and sophisticated SolutioNet™ 101 data acquisition technology. The Model IIOT-2080 is designed to instantly transmit data to the control room for alarming at predefined levels and/or to activate an alarm. It has a self-transmitting range of 3/4 mile or 1.2 kilometers. On longer distances, the use of IIOTTTI Intelligent Repeaters can expand the effective range to 7 miles or 11.3 kilometers plus.

**This Datasheet Contains Protected Information**

**IIOTTTI hydrocarbon sensors have a multitude of uses in monitoring VOC emissions in pumps, valves, flanges and tanks.**

**Please refer to test sheets for final parameters**



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