

# GASTRONICS Hardwired Gas Detectors

## TW-XP Transmitter

The TW-XP Dual 4-20 mA Gas Transmitter is the hardwired version of the True Wireless®. The TW-XP is upgradeable to wireless and is available for both single and dual sensors. The TW-XP has options for RS485, 2 or 5 Alarm Relay, and Auxiliary Analog/Digital Inputs for other devices. Optional power inputs are 110/220 VAC and 12-28 VDC.



## TR-Series Gas Transmitter

The TR-Series gas transmitters offer an economical solution by providing a no display, basic gas transmitter with 4-20 mA output. The TR transmitters will accommodate both combustible and toxic gas sensors.



## SLX-Series Gas Transmitter

The SLX-Series gas transmitter is a microprocessor based 2-Wire, 4-20 mA Gas Detection Monitor with LCD Display, which will accommodate various electro-chemical gas sensors to measure for toxic gases. The LCD glass is field replaceable.



## SLXL-Series Gas Transmitter

The SLXL-Series gas transmitter is a microprocessor based Gas Detection Monitor with a field replaceable Graphic OLED Display. The SLXL will accommodate any of the Gastronics complete line of sensors. Outputs include 4-20mA, RS485 and an optional Dual Relay output card. The display is menu driven and shows gas readings as well as a historical trend chart.



Innovative Solutions in  
Wireless Gas Detection  
with **Versatility...**





# True Wireless® Gas Detection with Multiple Radio Options - UHF/VHF, WiHart®, 900/868 MHz, 2.4 GHz

## True Wireless® Gas Detection, Approved for Class I, Division 1 up to 6 Watts of Power!

The True Wireless® Gas Detector is certified explosion proof for hazardous locations with options for 6 Watt UHF/VHF, WiHart®, 900/868 MHz and 2.4 GHz Mesh radio technologies. The Detector offers dual gas sensor inputs and other I/O, offering maximum versatility to meet a variety of applications.

The system allows for up to 254 remote units per radio channel communicating with multiple stationary and portable base stations. The base stations provide data via Modbus-RTU to DCS and SCADA Systems and are compatible with SAFER One® and the Vlahi Ceres® chemical dispersion modeling software.

### Key Features

- North America Certifications Class I, Div 1, Groups BCDEFG (UL/CSA)
- European Certifications (Pending) Class I, Zone 1, Group IIB+H2 (IECEX/ATEX)
- Multiple Radio Technologies
- Dual Gas Sensor Capability
- Multiple Auxiliary Inputs and Outputs
- Remote Radio Silence can be enabled and disabled from base transceiver
- Optional 5 Relay Board with 12/24 VDC converter to support 24 V Auxiliary Devices
- Optional Class I, Div. 2 Cabling System for Easy Setup
- Low Power Consumption
- Voltage Options 12 - 28 VDC, 115/230 VAC, 3 VDC Lithium
- Internal Lithium Battery Option for 900/868 MHz and 2.4 GHz radios
- 316 Stainless Steel Enclosure with 5 ports



**True Wireless® Gas Detector** with Lithium battery for up to 2 years of continuous operation

**Optional Magnet Mount**

Integrates easily with chemical dispersion modeling software



**Vlahi Ceres® Dispersion Modeling Software**

### Available Gases Gas Sensor Input 1

- Combustibles (Catalytic or Infrared)
- Carbon Dioxide (Infrared)
- VOC's (Photoionization)
- BTEX (Photoionization)
- VCM (Photoionization)
- MPS™ (Molecular Property Spectrometer™)

### Gas Sensor Input 2

- Ammonia
- Chlorine
- Chlorine Dioxide
- Carbon Monoxide
- Hydrogen
- Hydrogen Chloride
- Hydrogen Cyanide
- Hydrogen Fluoride
- Hydrogen Sulfide (to 65°C)
- Nitric Oxide
- Nitrogen Dioxide
- Oxygen
- Phosgene
- Phosphine
- Sulfur Dioxide

## Gas Detection Monitoring and Controls in the palm of your hand

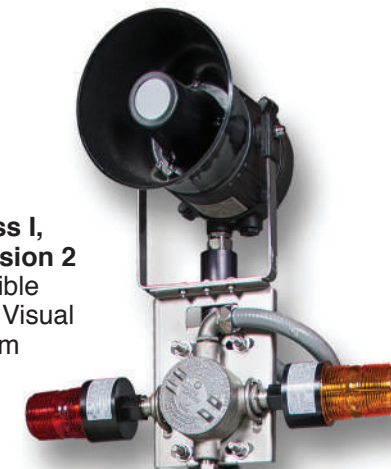
### Gastrac™ Data Tracking App

Gastrac™ is the leading smartphone and web application for real-time monitoring and alerts for industrial gas detection systems.



With Gastrac™, you can stay informed, manage calibrations and maintain historical records to insure your system is always performing at its best. Gastrac™ is available for use with iOS and Android phones.

**Class I, Division 2 Audible and Visual Alarm**



**Solar Package for Remote Reliable Power**

Solar Panel - Class I, Div. 2 Approved



**Battery Regulator Enclosure** Class I, Div. 2 Approved

**Dual Sensor Wireless Gas Detector**

**Light Weight Retractable Tripod**

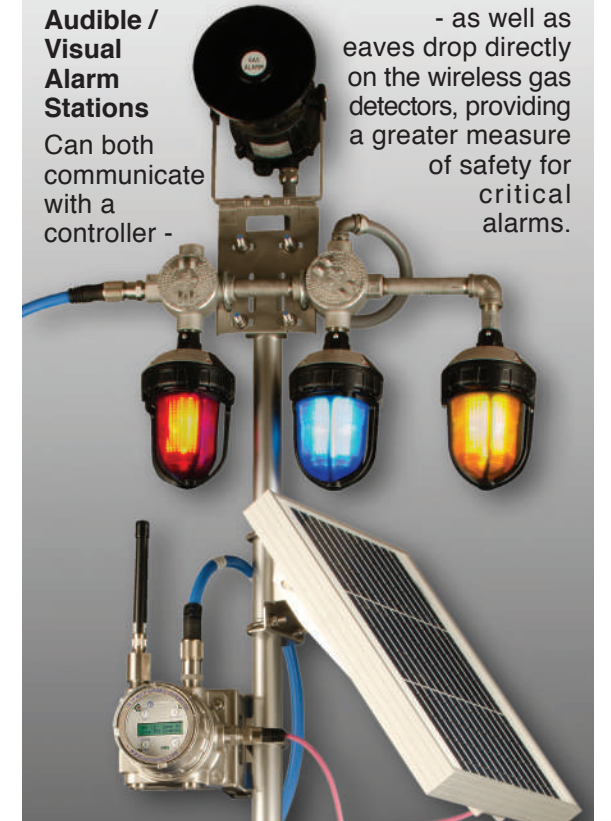
## Portable and Powerful! True Wireless® Deployable Monitoring Stations for Gas & Flame

Designed for stand alone, Class I, Division 2 hazardous locations. This versatile monitoring station features gas and optional flame detection and *plug and play* setup for quick and easy deployment.

All Gastronics wireless components are interoperable allowing for the customizing of complete turn-key systems to meet the most demanding applications.

**Audible / Visual Alarm Stations** Can both communicate with a controller -

- as well as eaves drop directly on the wireless gas detectors, providing a greater measure of safety for critical alarms.



**Wall Mount RG9-RTU Base Station** Expandable up to 500 I/O, 254 Wireless Points



**Wireless radio** - links devices with up to 254 sites per radio channel  
• Radio Options include:  
UHF/VHF, 900/868 MHz, 2.4 GHz Meshing