TracXP™
Industrial Gas Solutions
by Macurco

TracXP is now a part of Macurco Gas Detection, a company that has been providing gas detection solutions for over 45 years. The TracXP line addresses special hazard applications with a comprehensive line of wired and wireless gas detection solutions to meet your most challenging applications.

TXP-WTA

900 MHz Wireless Transmitter

The TracXP TXP-WTA wireless gas transmitter is available using a robust 900 MHz radio frequency to meet your most demanding communication requirements. The TXP-WTA can be configured in single or dual sensor configurations to allow redundant readings for critical operations or monitoring combination gases. The TXP-WTA's smart sensors allow changing sensor types quite easily and utilizes the same sensors as our TXP-T40 wired transmitters. The TXP-WTA also supports integral and remote sensor options. Intuitive non-intrusive magnetic interface makes set up and programming quick and easy. Power options include standard 3.6V disposable Lithium battery for portability or a 12–24 VDC power option for longer term or permanent installations.

TXP-WTA

Key Features

- Robust 900 MHz
- Operates on "D" lithium battery (Std.)
- Optional 12-24 VDC power board
- 4-20 mA input option
- Dual sensor capable w/ integral & remote sensor options
- Magnetic mount option
- Class 1, Div. 2 standard
- Five LED indication (3) alarms (2) communication status
- Password provides menu security
- Multiple antenna options

Applications

- Oil & Gas
- Pipeline compression
- Refining & chemical production
- Water / waste water treatment plants
- Food & beverage facilities
- Metal manufacturing
- Pulp & paper
- Power generation
- General industry

TracXP™
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Specifications

Detector Specifications

Size	5"(L) x 5.4"(W) x 8"(H) Aluminum housing 4"(L) x 5"(W) x 7"(H) Poly housing
Shipping Weight	6.5 lbs. (3 k.) Aluminum housing 3 lbs. (2 k.) Poly housing
Power Supply	Disposable, internal D-cell lithium battery 12-24 VDC option
Input	Single or dual electrochemical or infrared sensors input capable 4-20 mA input option
Standard Output	Frequency-hopping spread spectrum (FHSS) Wireless modem w/ data encryption 900MHz power adjustable from 10mW to 1.0 watt/0-30dBm
Display	64 x 128 Pixel LCD w/ 30-minute trend Baragraph & engineering units display
Temperature	-40°F to 131°F (-40°C to +55°C) *See sensor specs
Humidity	0-95% RH Non-Condensing
Approvals	FCC 15.247 & Industry Canada (IC), CSA Certified for Class 1, Division 2 Hazardous locations
Performance	▪ 900MHz indoor/urban range: Up to 3000 feet ▪ 900MHz frequency range: 902 - 928 MHz w/ 50 hops w/ 2dBi dipole antenna ▪ 900MHz outdoor RF LOS range: Up to 2-3 miles w/ high-gain antenna

Sensor Options

Gas Options

Ammonia (NH_3)	Oxygen (O_2)
Carbon Dioxide (CO_2)	Sulfur Dioxide (SO_2)
Carbon Monoxide (CO)	4-20 mA input option
Chlorine (Cl_2)	
Combustibles (IR)	
Hydrogen (H_2)	
Hydrogen Chloride (HCl)	
Hydrogen Cyanide (HCn)	
Hydrogen Sulfide (H_2S)	
Nitric Oxide (NO)	
Nitrogen Dioxide (NO_2)	

*For additional gas / sensor options, please contact your TracXP representative

Accessories

Name	Model Number
Controller / Receiver	TXP-WCR

*For additional accessory options, please contact your TracXP representative

Housing Options

Since 1972 Macurco has been providing gas detection solutions for various applications. Macurco provides the highest quality gas detection solutions to customers worldwide.

ISO 9001:2015 CERTIFIED

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