

TracXP™

INDUSTRIAL GAS SOLUTIONS
by MACURCO

TracXP is a part of Macurco Gas Detection, a company that has been providing gas detection solutions for over 50 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.

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



TXP-WTA

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 ₂ S)	
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

