

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-WCR

900 MHz 32 Channel Wireless Controller/Receiver



TXP-WCR

The TracXP TXP-WCR 32 channel wireless controller/receiver utilizes the robust 900 MHz frequency to meet your most demanding communication requirements. The TXP-WCR is suitable for 12VDC Solar Power Systems or operating on 120V - 240V AC. To simplify the setup, the TXP-WCR receives all channel configuration information from the TXP-WTA wireless transmitters, displaying the status of each channel. The Wi-Fi option allows the users to change configuration settings and view/download time-stamped logs of events and alarms and view real-time data from the system. The TXP-WCR has a magnetic non-intrusive interface for use in hazardous locations and when used in non-hazardous or declassified areas, internal pushbuttons simplify setup and programming.

Key Features

- Robust 900 MHz radio
- Suited for 12VDC solar power supplies
- Wi-Fi – remote HMI functionality
- Non-volatile memory
- Up to 26 frequency-hopping spread spectrum hopping patterns
- 8 programmable relays
- Real time clock and calendar
- Multiple antenna options
- Non-intrusive magnetic interface
- Time & date stamped event logging

Applications

- Oil & gas
 - Upstream
 - Midstream
 - Downstream
- Water / wastewater
- Food & beverage
- Chemical / petrochemical
- Power generation
- Environmental
- Perimeter monitoring
- Incident response

Specifications

Detector Specifications

Size	6.2"(L) x 9.8"(W) x 13.7"(H) Aluminum Housing 7.3"(L) x 12.1"(W) x 14.1"(H) Poly Housing
Shipping Weight	12.6 lbs. Aluminum Enclosure 18.2 lbs. Stainless Steel Enclosure
Power Supply	AC Power 100-240VAC 50/60Hz at .80-amp Max, 40 watts Max Steady-State 10-30VDC, 3 watts max (basic WCR with all relays energized)
Input	Wireless Communication from the TXP-WTA
Standard Output	900MHz Power Adjustable From 10mW to 1 watt
Display	128X64 Pixel Graphic LCD
Temperature	-35°F to 140°F (-25°C to 60°C)
Humidity	0-90% RH Non-Condensing
Approvals	<p>TXP-WCR/PY</p> <ul style="list-style-type: none"> ▪ NEMA 4X non-metallic polyester wall mount. ▪ DIV 2 Groups A,B,C,D; ▪ Category II and pollution degree 3 ▪ NEMA 4X; IP66 <p>TXP-WCR/PCS</p> <ul style="list-style-type: none"> ▪ NEMA 4 painted carbon steel wall mount. ▪ DIV 2 Groups A,B,C,D ▪ Category II and pollution degree 3 ▪ NEMA 4; IP66 <p>TXP-WCR/SS</p> <ul style="list-style-type: none"> ▪ NEMA 4X stainless steel wall mount. ▪ DIV 2 Groups A,B,C,D ▪ Category II and pollution degree 3 ▪ NEMA 4X; IP66 <p>TXP-WCR/XP</p> <ul style="list-style-type: none"> ▪ NEMA 7 wall mount for DIV 1 & 2 Groups B, C, D ▪ Includes 'O' Ring in door to satisfy NEMA 4 rating.

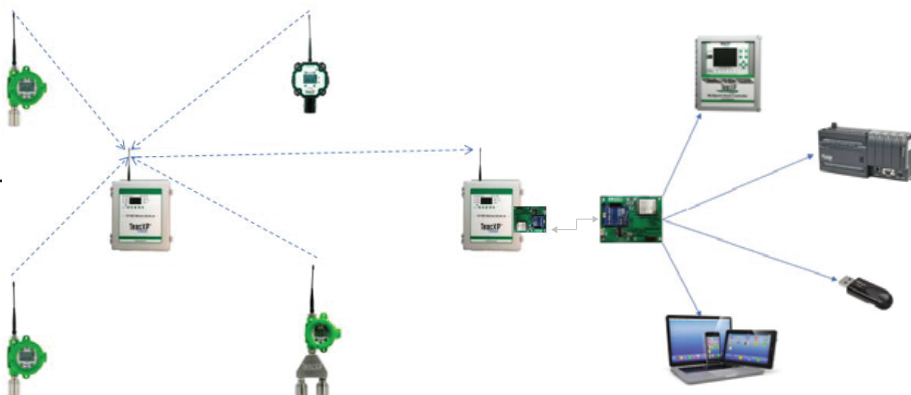
Accessories

Name

Enclosure	Poly, NEMA 4X, C1, D2 316 S.S. NEMA 4X, C1, D2
I / O / Communications	Wi-Fi Radio Kit Datalogging / wired Modbus Slave Port Datalogging / wireless Modbus Slave Port / 900 Mhz Radio kit Datalogging / wired Modbus Slave Port / Wi-Fi w/embedded web page Datalogging / wireless Modbus Slave Port / 900 MHz radio kit / Wi-Fi w/ embedded web paget
Antennas	900 MHz Dipole rubber, Div. 2 900 MHz Dipole, X.P. D1 900 MHz Yagit

*For additional accessory options, please contact your TracXP representative

The TXP-WCR's multiple interface options allow a multitude of possible configurations and communications options to address any monitoring application.



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



Macurco Gas Detection
3601 N St. Paul Ave,
Sioux Falls, SD 57104

Phone: 1-877-367-7891

Website: www.macurco.com

Email: info@macurco.com