

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.

