

FEATURES:

- Wireless transmission of data from existing transducers.
- Up to two transducer inputs per Wireless Transducer Reader.
- Support for various analog inputs (0-5V, 4-20mA, thermistors, thermocouples, dry contacts etc.).
- Uses 900MHz LoRa compliant radio communications.
- Battery life up to three years on 15 minute sample rate.
- Low Battery indicator.
- Optional NEMA4/IP66 enclosure for indoor/outdoor use.
- One-time calibration and setup.
- Configurable sample rates from one second to 18 hours.
- Standard 110-240VAC or battery powered.
- No new software to install – data can be view through standard browser (requires Green Box Controller).
- FCC, ROHS Compliant.
- Optional connectivity to existing plant or building automation systems via OPC or RESTful API.



Non-invasively connect your legacy standalone transducers via wireless to your existing PC, data acquisition or automation system so you can capture and store readings

- Keep your existing reliable transducers (pressure, temperature, particle counter, etc.)
- Eliminate “rounds” to collect readings
- Trend, monitor and alarm transducer readings to catch problems before they occur

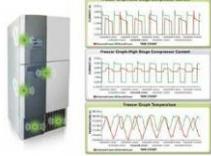
The Cypress EnviroSystems Wireless Transducer Reader (WTR) provides an inexpensive solution to connect your existing standalone transducers to your current monitoring and control systems.

Installation and setup are easy. Simply connect any standard analog output (0-5V, 0-10V, 4-20mA) from your existing transducer to the WTR. Once the WTR is connected, it will transmit the readings wirelessly at a user-configurable update rate.

KEY PRODUCT SPECIFICATIONS:

Data Inputs:	Most gauges from 1.7" to 4.64" diameter
Number of Inputs:	Adapters with removal clamps
Data Capture Rate:	User selectable from one second to 18 hour sample rate
Wireless Frequency:	902.000 MHz to 928.000 MHz
Wireless Range:	500 to 1,500 ft in typical plant environments
Modulation Method:	FSK, GFSK, and LoRa® Technology modulation
Approvals:	FCC CFR47, Part 15 Subpart C
Power Supply:	Standard 110-240VAC or battery powered (two 3V lithium batteries, type CR123A)
Battery Life:	>1 year at 5 minute sample rate, >3 years at 1 hour sample rate
Vibration:	Up to 4G RMS
Humidity:	10-99% RH, non-condensing
Operating Temperature:	-4°F to 158°F (-20°C to 70°C)
Storage Temperature:	-40°F to 176°F (-40°C to 80°C)
Enclosure:	Rugged extruded aluminum industrial chassis (optional NEMA4/IP66 enclosure)
Dimensions:	5.7" x 2.2" x 1.6" (145mm x 57mm x 42mm)
Weight:	0.51 lbs (230g) including batteries

OUR FAMILY OF PRODUCTS:

				
WIRELESS PNEUMATIC THERMOSTAT (WPT)	WIRELESS STEAM TRAP MONITOR (WSTM)	WIRELESS GAUGE READER (WGR)	WIRELESS TRANSDUCER READER (WTR)	WIRELESS FREEZER MONITOR (WFM)

HEADQUARTERS

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