

## FEATURES:

- Wireless sensor for temperature and relative humidity.
- Uses 900MHz LoRa compliant radio communications.
- Uses same wireless infrastructure as Wireless Gauge Reader.
- Battery life up to two years on 15 minute sample rate.
- One-time configuration using Cypress handheld tablet.
- 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, RESTful API



### Wirelessly transmit relative humidity and temperature data to a PC, data acquisition or automation system.

- Monitor temperature and humidity and display on operator console
- Enable notifications when readings exceed limits
- Gather data to enable trend analysis, fault detection, or statistical process control

Just place or secure at any location and, in minutes, wirelessly acquire readings on an existing data acquisition or control system.

## KEY PRODUCT SPECIFICATIONS:

<b>Data Capture Rate:</b>	User selectable from five second to 4 hour sample rate
<b>Accuracy:</b>	+/- 0.7°F (0.4°C) for temperature; +/- 3% for relative humidity
<b>Wireless Frequency:</b>	902.000 MHz to 928.000 MHz
<b>Wireless Range:</b>	500 to 1,500 ft in typical plant environments
<b>Modulation Method:</b>	FSK, GFSK, and LoRa® Technology modulation
<b>Approvals:</b>	FCC CFR47, Part 15 Subpart C
<b>Power Supply:</b>	Two 3V lithium batteries, type CR123A
<b>Battery Life:</b>	>1 year at 5 minute sample rate, >3 years at 1 hour sample rate
<b>Vibration:</b>	Up to 4G RMS
<b>Humidity:</b>	10-99% RH, non-condensing
<b>Operating Temperature:</b>	-4°F to 158°F (-20°C to 70°C)
<b>Storage Temperature:</b>	-40°F to 176°F (-40°C to 80°C)
<b>Enclosure:</b>	Indoor use only
<b>Housing Material:</b>	ABS with UV inhibitors
<b>Dimensions:</b>	2.6" x 2.6" x 1.3"
<b>Weight:</b>	0.33 lbs including batteries

### HEADQUARTERS

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