# SERIES WS  DataSling™

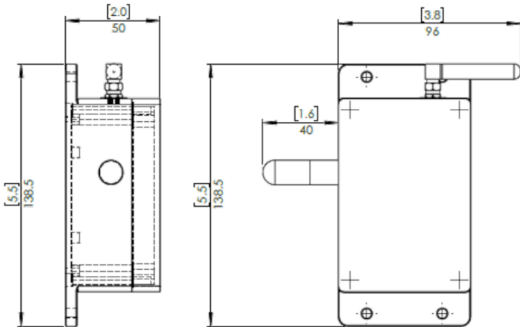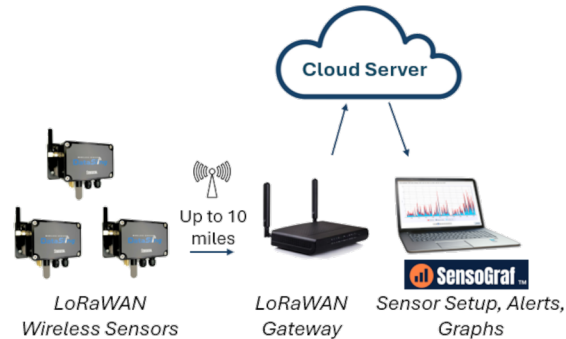## Wireless Humidity + Temperature Sensor



**LoRaWAN™**

- **Long Life Battery Powered**
- **Transmit Long Distances**
- **Easy 3-Step Setup Process**

**Sensocon's®** LoRaWAN® Wireless Humidity + Temperature Sensors provide accurate and reliable measurements suitable for a wide range of applications. They leverage the robust LoRaWAN protocol to transmit data efficiently over long distances, securely and dependably.



**Cloud Server**

Up to 10 miles

*LoRaWAN Wireless Sensors* — *LoRaWAN Gateway* — *Sensor Setup, Alerts, Graphs* (SensoGraf™)

### Applications

- HVAC Systems
- Greenhouse Climate Control
- Cold Storage Monitoring
- Data Center Environmental
- Building Automation
- Museum/Archive Preservation
- Pharmaceutical Manufacturing
- Weather Station Monitoring

## DIMENSIONS



## MODEL NUMBERS

| Model Number | Type | Range | | Accuracy |
|---|---|---|---|---|
| **WS-HT02** | RH & Temperature | RH: | 0-90%<br>90-100% | 2%<br>3.5% |
| | | Temp: | -40-257°F<br>(-40-125°C) | 0.36°F<br>(0.2°C) |
| **WS-HT03** | Remote Mount Probe | RH: | 0-90%<br>90-100% | 2%<br>3.5% |
| | | Temp: | -40-257°F<br>(-40-125°C) | 0.36°F<br>(0.2°C) |

Available in multi-variable e.g. RH/temperature + pressure + voltage.  See www.sensocon.com for information.

## SPECIFICATIONS

**Battery Type:** CR123A (x2)

**Frequency Bands:** US915

**Wireless Technology:** LoRaWAN Class A

**Max Receive Sensitivity:** -130dBm

**Wireless Range:** Up to 10 miles*

**Minimum Interval:** 10 minutes

**Battery Life:** 2.5 to 5 years

**Antenna:** External Antenna

**Wireless Security:** AES-128

**Operating Temperature:** -40° to 149°F (-40° to 65°C)

**Enclosure Rating:** IP 65

**Weight:** 90g

*Clear line-of-sight.  Transmit distances will vary.

## Sensograf.com

### EASY TO SET UP - EASY TO USE



- New sensor setup
- Trending / dashboards
- Data storage
- Set up notifications
- Sampling interval changes

**Measure** — **Set up Sensors in Minutes:** Designed for simplicity, ease of installation and trouble-free use.

**Trend** — **Gain Insights:** Use Sensograf™ to visualize data via customizable dashboards.

**Alert** — **Know When Something Isn't Right:** Easily set up text and/or email alerts to notify key personnel when predefined conditions are met.

**Act** — **Information Where and How Needed:** Customize reporting interval to balance power consumption and data frequency needs.

**SENSOCON**