



## Humidity, Temperature Sensor

### B13-200-OTA Sensor

SensoScientific Wi-Fi transmitters are high speed wireless modules with PEAPv0 enterprise security, capable of collecting, storing, and transmitting data wirelessly over a standard 802.11 b/g/n (Wi-Fi – RF Frequency 2.4 to 2.497 GHz) with TCP protocol. The transmitter passes information to a standard access point which can be accessed by any Wi-Fi enabled network. Each transmitter monitors against preset conditions that are defined by the user. Additional alerts can be provided through a variety of methods such as SMS, text message, voice, pager, cell phone, fax, and e-mail. Information recorded in °F or °C to the database is time-stamped and cannot be altered through the user interface.

### Key Features

- ✓ On-board E-ink Display to Satisfy CDC Requirements
- ✓ True Embedded Wi-Fi Solution
- ✓ Device-Level Certificates
- ✓ NIST Certified & A2LA Accredited Snap Calibration
- ✓ Push Button for Real-Time Device Reading
- ✓ Multi LED for Connectivity Status
- ✓ In-House ISO/IEC 17025 Certified Calibration Lab
- ✓ Audio and Visual Alerts on Device
- ✓ No Proprietary Software
- ✓ Device Independence – No Extra Hardware
- ✓ Scalability
- ✓ Lowest Total Cost of Ownership
- ✓ Dual Power – Battery/AC power
- ✓ FDA 21 CFR part 11 compliant
- ✓ Validated FIPS compliant Microsoft® Azure Cloud

### Product Specifications

<b>Radio Protocol</b>	IEEE802.11 b/g/n compatible 54Mbit/sec
<b>Warranty</b>	3 year warranty
<b>Enterprise Security</b>	PEAPv0 with EAP-MSCAPv2 (PEAP)
<b>Memory</b>	On-transmitter buffer storage (4000 readings)
<b>Alarms</b>	Visual and audio alarm indicators - can be silenced locally
<b>Mounting</b>	Zip tie mount hooks with screw holster wall mount for easy mount & removal
<b>Housing</b>	ABS plastic enclosure with silicon rubber covers and open ports
<b>Ambient Operating Range</b>	32°F to 167°F (0°C to 75°C). Up to 95% RH
<b>Temp Measurement Range</b>	-40°F to 257°F (-40°C to 125°C)
<b>Humidity Range</b>	0% to 100%RH
<b>Tolerance</b>	±0.5°C; ±2%RH (0%RH to 90%RH and 0°C to 60°C )
<b>RF Frequency</b>	2.4 to 2.497 GHz
<b>Power Supply</b>	(4) 1.5V AA Lithium Batteries. Any AA 1.5V batteries can be used (lithium or alkaline) Optional - External AC/DC Power Supply - UL certified Universal input: 100Vac to 240Vac
<b>Battery Life</b>	1 year
<b>Dimensions</b>	<b>Height:</b> 4.25" (108mm) <b>Width:</b> 3.88" (98mm) <b>Thickness:</b> 1.38" (35mm)
<b>Probe</b>	Cable Length: 0" (Extension Upon Request) Probe Length: 0.8" (2cm)