



## B10-200-OTA Sensor

### Wi-Fi Single Temperature 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 certificate
- ✓ NIST certified/A2LA Accredited Snap Calibration
- ✓ Push button to force real-time device reading
- ✓ Multi LED for connectivity status
- ✓ In-House ISO17025 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
<b>Alarms</b>	Visual and audio alarm indicators - can be silenced locally
<b>Mounting</b>	Easy 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)
<b>Temperature Measurement Range</b>	-50°C to 150°C
<b>RF Frequency</b>	2.4 to 2.497 GHz
<b>Power Supply</b>	(4) 1.5V AA Lithium Batteries (included). 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>LDAP</b>	Single Sign-on capability
<b>Certificates</b>	Device-level certificate for authentication