Wi-Fi Light, Temperature, and Humidity 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

- **Radio Protocol**: IEEE802.11 b/g/n compatible 54Mbit/sec
- **Warranty**: 3 year warranty
- **Enterprise Security**: PEAPv0 with EAP-MSCAPv2 (PEAP)
- **Memory**: On-transmitter buffer storage (4000 readings)
- **Alarms**: Visual and audio alarm indicators - can be silenced locally
- **Mounting**: Easy zip tie mount hooks with screw holster wall mount for easy mount & removal
- **Housing**: ABS plastic enclosure with silicon rubber covers and open ports
- **Light Range**: On or Off
- **Ambient Operating Range**: 32°F to 167°F (0°C to 75°C). Up to 95% RH
- **Temperature Measurement Range**: -40°F to 257°F (-40°C to 125°C)
- **Humidity Range**: 0% to 100%RH
- **Humidity Tolerance**: ±0.5°C; ±2%RH (0%RH to 90%RH and 0°C to 60°C)
- **RF Frequency**: 2.4 to 2.497 GHz
- **Power Supply**: (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
- **Battery Life**: 1 year
- **Dimensions**: Height: 4.25” (108mm)
  - Width: 3.88” (98mm)
  - Thickness: 1.38” (35mm)
  - Probe: Cable Length: 0” (Extension Upon Request)
  - Probe Length: 0.8” (2cm)

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