Wi-Fi Water Leak Sensor

Wi-Fi water leak transmitter supports one external water leak 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 (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 and can provide audio and visual alerts. 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 and °C) to the database is time-stamped and cannot be altered through the user interface.

Key Features Include:

- True embedded Wi-Fi solution
- Patented Firmware
- NIST certified Snap-Calibration
- Ok-push button to force real-time device reading
- Multi LED for connectivity status
- In-house ISO17025 Certified Calibration Lab
- Integrated Glycol Bottle
- No proprietary software
- Device independence—no extra hardware
- Scalability
- Lowest total cost of ownership
- Optional A/C power adapter
- FDA 21 CFR part 11 compliant
- Validated FIPS Compliant Microsoft® Azure Cloud
B17-100-K104C Product Specifications

Radio Protocol  
IEEE 802.11 b/g compatible 54Mbit/sec

Warranty  
1 year warranty

Enterprise Security  
PEAPv0 with EAP-MSCHAPv2 (PEAP)

Memory  
On-transmitter buffer storage

Alarms  
Visual and audio alarm indicators - can be cleared

Mounting  
Easy zip tie mount hooks with screw holster wall mount for easy mount & removal

Housing  
ABS plastic enclosure with silicon rubber covers on open ports.
Removable glycol vial holder
180 degree adjustable antenna

Ambient Operating Range  
-40°F to 167°F (-40°C to 75°C). Up to 95% RH

RF Frequency  
2.4 to 2.497 GHz

Power Supply  
(4) 3.6V AA Lithium Thionyl (included)
Optional - External AC/DC Power Supply - UL certified - Universal input: 100VAC to 240VAC

Battery Life  
Up to 2 years based on standard 20 minute sample rate

Data Logger Dimensions  
Height: 4”3/4 (120mm)
Width: 3”(76mm) - 4”(100mm) with vial
 Thickness: 1”1/4 top (32mm) & 2”1/8 bottom (54mm)

Water Leak Sensor Dimensions  
[Diagram of Water Leak Sensor Dimensions]