B19-200-K001C

Wi-Fi Ambient Light/Temperature/Humidity Sensors

Wi-Fi LCD Light/temperature/humidity transmitter includes one external On/Off Light sensor, one external temperature sensor and one external relative humidity sensor. Beyond the temperature and humidity options, the light sensor has an adjustable potentiometer that can adjust and detect various indoor and outdoor brightness of light. The light status can be named on the cloud according to user's preference (Example : Night/Day, Off/On...)

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 cannotbe altered through the user interface.

Key Features include:

- Optional on-board LCD to satisfy CDC requirements
- 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

- 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

B19-200-K001C Product Specifications

Display	1.8" TFT Color LCD Screen
Radio Protocol	IEEE 802.11 b/g compatible
Warranty	1 year warranty
Enterprise Security	PEAPv0 with EAP-MSCHAPv2 (PEAP)
Speed	Wi-Fi 802.11 b/g 54Mbit/sec
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. 180 degree adjustable antenna
Temperature Accuracy	+/- 0.5%°F (+/- 0.3°C)
Humidity Range	0% to 100%
Humidity Accuracy	+/- 2% Repeatability: +/- 0.1 RH Long term drift: <0.5 RH per year
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) 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
Dimensions	Height: 4"3/4 (120 mm) Width: 3" (76mm) - 4" (100mm) with vial Thickness: 1"1/4 top (32mm) & 2"1/8 bottom (54mm)
Light sensor working voltage	3.3V-5V
Light sensor output format	On / Off (0 - 1)
Light sensor size	70 x 23 x 36.5mm (H x W x L)
Visual LED Light Indication	Red/ Black