B11-100-K201C

B11-200-K201C

Wi-Fi Temperature Sensors with Glycol Vials

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:

- 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
- 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

B11-100-K201C 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 Includes water spillage resistance bag
Housing	ABS plastic enclosure with silicon rubber covers on open ports. Removable glycol vial holder 180 degree adjustable antenna
Temperature Range	-40°F to 254.9°F (-40°C to 123.8°C)
Temperature Accuracy	Class A probe: +/-(0.15+0.002*Temp)°C. Example: +/- 0.15°C at 0°C Class 1/10 DIN probe: +/-1/10*(0.3+0.005*T)°C Example: +/-0.03°C at 0°C
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
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)
Sealed Glycol Vial	Used to dampen temperature probe response to door openings and sudden air temperature fluctuations.

B11-200-K201C 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. Removable glycol vial holder 180 degree adjustable antenna
Probe Temperature Range	-200°C to 200°C (-328°F to 392°F) Omega probe -200ºC to 600ºC (-328ºF to 1112ºF)
Temperature Accuracy	Class A probe: +/-(0.15+0.002*Temp)°C. Example: +/- 0.15°C at 0ºC Class 1/10 DIN probe: +/-1/10*(0.3+0.005*T)°C Example: +/-0.03°C at 0°C
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)
Sealed Glycol Vial	Used to dampen temperature probe response to door openings and sudden air temperature fluctuations.