



SensoScientific SensoTag Cellular data logging transmitters provide real-time monitoring, alarming, and reporting using Internet of Things (IoT) and cellular technology. This compact monitoring solution features a large display screen for quick measurement visibility including current, min/max readings as well as battery and connectivity status. SensoTag Cellular models include 3 measurement options: temperature & humidity, dual temperature, and ultra-low temperature. This IoT solution makes it easy to monitoring temperature and humidity for medical, food safety, and cold chain logistics.

- ✓ Real-Time Monitoring & Alarming
- ✓ Large Display Screen
- ✓ Current, Min, and Max Display
- ✓ Ideal for Medicine, Food, and In-Transit
- ✓ Start/Stop Buttons on Device
- ✓ Audible and Visible Alarms
- ✓ Rechargeable Battery
- ✓ 4G Cellular Connectivity
- ✓ GPS and LBS Positioning
- ✓ Long Battery Life Rechargeable via AC Power
- ✓ Temperature, Humidity, and Ultra-Low Measurements
- ✓ Unlimited Data Storage via the SenoScientificCloud
- ✓ FDA 21 CFR part 11 compliant
- ✓ Validated FIPS compliant Microsoft® Azure Cloud

Product Specifications

Communication Mode	4G
Positioning	GPS and LBS
Dual Temperature Range	-40°C to 80°C (-40°F to 176°F)
Temperature/Humidity Range	-40°C to 80°C (-40°F to 176°F); Up to 100 %RH
Ultra-Low Temperature Range	-196°C to 150°C (-40°F to 158°F)
Measurement Accuracy	± 0.3°C (-20 to 40°C); ±0.5°C (-50 to 85°C); ±1°C (-100 to 150°C); ±2°C (others); ± 5% RH
Data Storage Mode	Circular Storage
Memory	Unlimited Cloud Memory; On-transmitter Buffer Storage (100,000 Readings)
Normal Recording Interval	1 Min to 24 Hr Allowed
Alarm Recording Interval	1 Min to 24 Hr Allowed (must be ≤ Normal Recording Interval)
Normal Upload Interval	1 Min to 24 Hr Allowed, Defaulted to 5 Min
Alarm Upload Interval	1 Min to 24 Hr Allowed, Defaulted to 2 Min (must be ≥ Alarm Recording Interval)
Alarms	Alarm Indicator Light; Audible Alarm; 24/7 Alert Notifications through the Cloud
Screen	TFT Color Screen
Temp. Display Resolution	0.1°C
Hum. Display Resolution	0.1%RH
Waterproof Grade	IP64
Power Input	5V/2A (DC) with Charging Indicator Light
Battery Life	≥ 3 Months (at 25°C, Upload Interval: 30 Min, LBS Positioning) ≥ 14 Days (at 25°C, Upload Interval: 30 Min, LBS + GPS Positioning)
Dimensions	Height: 4.29" (109mm) Width: 2.73" (69.4mm) Length: 0.90" (22.9mm)