





SensorTemperature Range	-40.0°C to +125°C
Operating Range	-40.0°C to +125°C (tentatively, need to confirm battery and material tolerance)
Storage Range	-40.0°C to +125°C (tentatively, need to confirm battery and material tolerance)
Accuracy	±0.5°C NIST (upgradeable to ±0.1°C with more advanced sensor)
Resolution	±0.1°C
Sensor Reaction time	TBD
Onboard Temperatures	Min/Max, Histogram Temperature Profile, Excursion Log, Temperature Log, MKT, Degree Minutes.
Log Capacity	16,000+ (likely to be much larger based on configuration)
Sampling Interval	Configurable from 1 minute to daily.
Start/Stop Options	NFC Command and Button.
Excursions	Configurable. Single, Multiple, Accumulative, MKT, Degree Minutes. Up to 4 simultaneous excursion type detections.
Environmental	IP66 (targeting IP67 if not significant cost to the form factor)
	Non rechargeable, non-replaceable.
Power Source	Option A: CR2032 3V LiMnO2 (coin cell) Option B: CR2450 3V LiMnO2 (coin cell)
	Option A: 3 years of operation life within 5 years from manufacturing
Battery Life (NFC Only)	Option B: 4.5 years of operation life within 6 years from manufacturing
	±2.5 seconds a day, ±15 minutes a year @25°C
Time Accuracy	Time resynchronization possible. Configurable autonomous reuse possible, no need for an external reader device.
Communication	Option A: NFC Option B: NFC + BTLE (possible)
Weight	Approximately 40g
Case Material	ABS, solvent glue sealed
Software	Mobile and Desktop API



DIMENSIONS B





