



## Sensos Label Technical Specifications



Format:	Stick & Go Disposable Label
Dimensions:	Size: 138x215x3.4mm   Seal extension: 61x32x0.5mm   Weight: 77 grams
Ingress Protection Rating:	IP54
Sensors:	Accelerometer   Temperature   Seal (cut to open)   Barometer
Communication Type:	3GPP LTE Release 13   Technology: CAT-M/ NB-IoT Global coverage based connectivity plan
Battery:	Non-hazardous primary Zinc Manganese (Zn-MnO <sub>2</sub> ) printed battery
Electronics:	Contains wireless module with FCCID: HSW-TY1SCDM
Operational Lifetime:	Pending use case, Max lifetime of 12 months in optimal conditions
Environmental conditions:	Storage temperature: -20°C to 40°C Operating temperatures*: -20°C to 60°C Humidity: 0 to 95% <small>* For optimal storage time, it is recommended to store the labels below room temperature. * The label can operate in a temperature 60°C for a total max of 2 weeks during its lifetime. ** The label can operate in -35°C, but the number of messages will be reduced.</small>
Transportation type:	Ground , Air* and Sea <small>* List of airline approvals available on demand.</small>
Alerts:	<ul style="list-style-type: none"><li>• Activation</li><li>• Package in motion/static</li><li>• Temperature tracking (report outside of pre-defined thresholds)</li><li>• Seal open (consumption)</li><li>• Temperature logging</li></ul>
Temperature accuracy:	+/-1°C
Location accuracy:	<1 Km* <small>*Based on 3rd party location services, depends on cell availability.</small>
Certifications:	FCC, RED, GCF, PTCRB, ATEZ Zone 2,22
Sustainability:	Rohs, REACH, Disposable (WEEE Directive 2012/19/EU Battery Directive IEC 62133) Life Cycle Analysis study available
Cloud & services:	<ul style="list-style-type: none"><li>• Data management API</li><li>• Device profile configuration API</li><li>• Data enrichment</li><li>• Sensos tracking application</li><li>• Integration to 3rd party Independent Service Providers (ISP)</li></ul>