

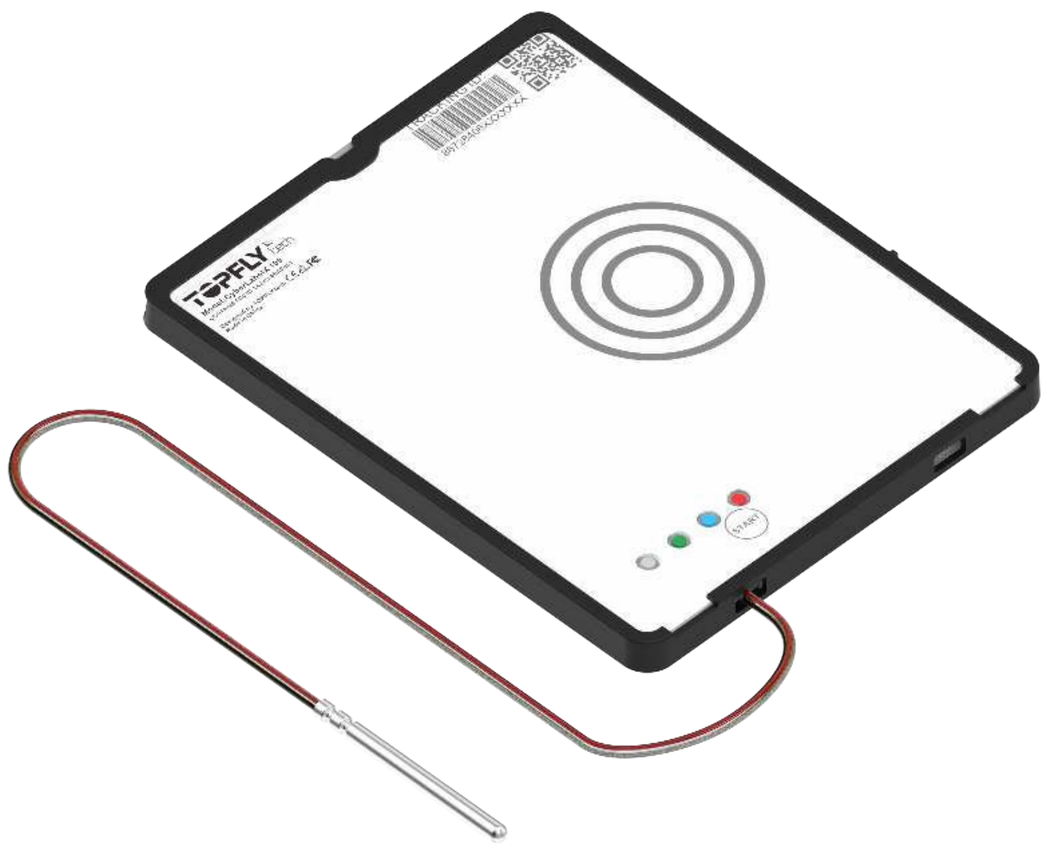
LABEL-SHAPED ASSET TRACKER

Ideal for parcels, air, rail, vessel transport

CyberLabelX 100

4G

LTE CAT 1 and GSM assets tracking devices for wide ranging applications



- Ultra Thin Design (5.6mm)
- Easy Install
- Wireless Charging
- GNSS, LBS, and WiFi Location
- Firmware Over the Air
- Built-in Temperature Sensor
  Certificate of Calibration (3-point, ISO 17025)
- External Temperature & Humidity Probe Support
  (Optional, 3-point, ISO 17025 Calibration)
- Temperature, Light, Shock, and Motion Alarm
- Data Security & Encryption Option
  (MD5/AES128)
- MQTT Support

128g (4.51oz)	138mm × 107mm × 5.6mm (5.43" × 4.21" × 0.22")
-20℃ ~ +80℃ (-4°F ~ +176°F)	Rechargeable Li-Polymer battery 1900 mAh/3.7V

Certificates (Completed):

*Please reach out to us if you need any certificates in particular

Standby Time

(2 Hours Active Tracking per Day)

4 Hours Reporting	194 Days
2 Hours Reporting	108 Days
1 Hour Reporting	57 Days

Battery life in different environment varies.
Refer to Battery Calculator for more details.

Parcel Tracking



Fresh Produce Temperature Monitoring



Pharmaceutical Temperature Monitoring

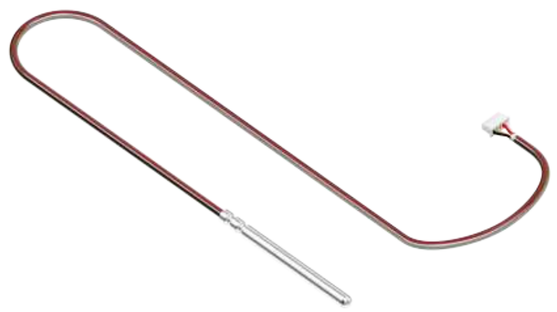


CyberLabelX 100 Detailed Specification

Network / Operating Band	
Network Format	4G CAT1+2G, Global Cellular Connectivity
Operating Band	Global Frequency Band: LTE FDD Cat 1: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28/B66 LTE TDD Cat 1: B34/B38/B39/B40/B41 GSM: 850/900/1800/1900 MHz
GNSS Specifications	
GNSS Chipset	Integrated GNSS Receiver
Parallel GNSS	GPS + Glonass + Beidou + Galio + QZSS
Horizontal Position Accuracy	Horizontal Position Deviation < 1.5 m
Interfaces	
Charging Type	Wireless Charging
Network, GNSS Antenna	Internal only
LED Indicator	Network, GPS, Alarm and Battery
Touch Button	For Power On
FOTA	Yes
Ambient Light Sensor	Yes
Motion Sensor	Yes
Temperature Sensor	Bulit-in Temperature Sensor External Temperature Probe(Optional) External Temperature and Humidity Probe (Optional)
Built-in Temperature Sensor Accuracy	Typical Accuracy of ±0.5℃ (-20℃ to 80°C), ±0.3℃ (0℃ to 80°C), ±0.1° Accuracy (+35°C to +45°C), NIST ISO17025 Certification (3-points) Available, Drift less than 0.01℃ per year.
External Temperature Probe (Optional) Accuracy	Typical Accuracy of ±0.7℃ (-40℃ to 120°C), ±0.3℃ Accuracy (0℃ to 90°C), ±0.1° Accuracy (+35°C to +45°C), ±0.7° Accuracy (-40°C to 130°C), NIST ISO17025 Certification (3-points) Available, Drift less than 0.01℃ per year.
External Temperature and Humidity Probe (Optional) Accuracy	Typical Accuracy of ±0.3℃ (-40℃ to 90°C), ±1℃ Accuracy (-40℃ to 130°C), ±3% Humidity Accuracy (-40°C to +90°C), ±4% °C Accuracy (-40°C to 130°C), NIST ISO17025 Certification (3-points) Available, Drift less than 0.03℃ per year.
SIM Card	Nano SIM Card
Tracker Configuration Interface	Type C Connector
General Specification	
Water Proof	IP54
Dimensions	With case: 139.1 × 110 × 8.3mm (5,48 × 4.33 × 0.33 inch) Without case: 138 × 107 × 5.6mm (5.43 × 4.21 × 0.22 inch)
Weight	With case: 128g (4.510 oz), Without case: 100g (3.53 oz)
Battery	1900 mAh/3.7V
Standby Time	4 hours reporting: 194 Days; 2 hours reporting: 108 Days; 1 hour reporting: 57 Days
Operating Temperature Range	-20℃~+80℃ (-4°F~176°F)
Mounting	3M Adhesive, Cable Zip Tie
Air Interface Protocol	
Transmit Protocol	TCP UDP MOTT SMS

Data Security & Encryption Option	MD5/AES128
Alarms	Support up to 25 types of alarms, including open box alarm, motion alarms, temperature variation alarm, etc.
Certifications (Pending)	
CE, FCC, IC, CITC, RCM, TDRA, UN38.3	

Accessories (Optional)

Product	
TA80 External Temperature Probe Operating Temperature Range: -40C to 125°C (-40°F to 257°F)	
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