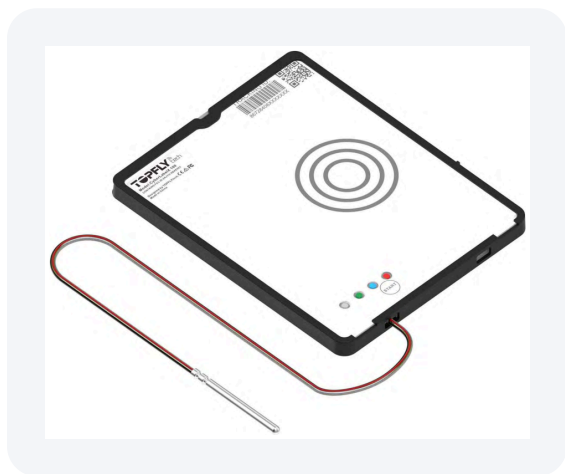


LABEL-SHAPED ASSET TRACKER

CyberLabelX 100 4G

Ultra-thin (5.6 mm) label-shaped LTE Cat 1 + 2G tracker for parcels and air, rail and maritime transport, with temperature monitoring.



WEIGHT
128 g (with case)



DIMENSIONS
138 × 107 × 5.6 mm



OPERATING TEMP.
-20 °C ~ +80 °C



BATTERY
Li-Polymer 1900 mAh
/ 3.7 V

Key features

- Ultra-thin design (5.6 mm)
- Easy installation (3M adhesive or zip tie)
- Wireless charging
- GNSS, LBS and WiFi location
- Firmware over the air (FOTA)
- Built-in temperature sensor with 3-point ISO 17025 calibration certificate
- Optional external temperature or temp. & humidity probe (ISO 17025 calibration)
- Temperature, light, shock and motion alarms
- Data security & encryption (MD5 / AES128)
- MQTT support

Standby time (2 h active tracking per day)

4 h reporting		194 days
2 h reporting		108 days
1 h reporting		57 days

Battery life varies with the environment – ask your Starcont advisor.

Applications

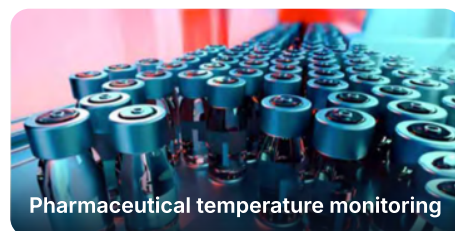
CERTIFICATES (PENDING)



Parcel tracking



Fresh produce temperature monitoring



Pharmaceutical temperature monitoring

Technical specifications

Network	
Network format	4G Cat 1 + 2G, global cellular connectivity
Operating bands	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	
GNSS chipset	Integrated GNSS receiver
Parallel GNSS	GPS + GLONASS + BeiDou + Galileo + QZSS
Horizontal position accuracy	< 1.5 m
Interfaces and sensors	
Charging type	Wireless charging
Network, GNSS antenna	Internal only
LED indicator	Network, GPS, alarm and battery
Touch button	Power on
FOTA	Yes
Ambient light sensor	Yes
Motion sensor	Yes
Temperature sensors	Built-in; optional external temperature probe or temperature & humidity probe
Built-in sensor accuracy	±0.5 °C (-20...80 °C), ±0.3 °C (0...80 °C), ±0.1 °C (35...45 °C); NIST ISO 17025 3-point calibration available; drift < 0.01 °C/year
External temperature probe accuracy (optional)	±0.7 °C (-40...120 °C), ±0.3 °C (0...90 °C), ±0.1 °C (35...45 °C); ISO 17025 calibration available; drift < 0.01 °C/year
External temp. & humidity probe accuracy (optional)	±0.3 °C (-40...90 °C), ±1 °C (-40...130 °C); humidity ±3% (-40...90 °C), ±4% (-40...130 °C); ISO 17025 calibration available
SIM card	Nano SIM
Tracker configuration	USB-C connector
General	
Waterproof	IP54
Dimensions	With case: 139.1 × 110 × 8.3 mm Without case: 138 × 107 × 5.6 mm
Weight	With case: 128 g (4.51 oz); without case: 100 g (3.53 oz)
Battery	1900 mAh / 3.7 V
Standby time	4 h reporting: 194 days 2 h reporting: 108 days 1 h reporting: 57 days
Operating temperature	-20 °C ~ +80 °C (-4 °F ~ 176 °F)
Mounting	3M adhesive, cable zip tie

Technical specifications (cont.)

Air interface protocol	
Transmit protocol	TCP, UDP, MQTT, SMS
Data security & encryption	MD5 / AES128
Alarms	Up to 25 alarm types incl. open box, motion, temperature variation
Certifications (pending)	CE, FCC, IC, CITC, RCM, TDRA, RTCA (DO-160G), UN38.3

Accessories (optional)



TA80 External temperature probe, range -40 °C ~ +125 °C
(-40 °F ~ 257 °F)



TA84 External temperature & humidity probe, -45 °C ~ +130 °C
(-49 °F ~ 266 °F), 0-100% RH