

SenseCAP Card Tracker

Tiny Card-Size Locator with High Capability

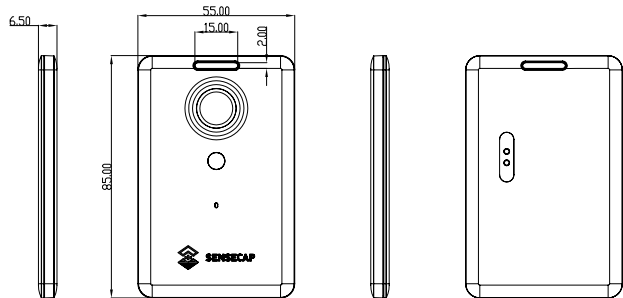
SenseCAP T1000 is a credit card-sized tracker, which is designed for asset and personal tracking. By utilizing GNSS/Wi-Fi/Bluetooth, it covers both outdoor and indoor positioning scenarios with high accuracy.



Specifications

General Parameters	
Product Model	T1000-A/T1000-B/T1000-C/T1000-D
Backhaul	LoRaWAN® (v1.0.4 Class A)
Bluetooth	Bluetooth v5.1, setting via App
LoRaWAN Channel Plan	IN865/EU868/US915/AU915/AS923/KR920/RU864
Temperature	Range: -20 to 60°C ; Accuracy: ± 1°C Resolution: 0.1°C
Light	0 to 100% (0 is dark, 100% is brightest)
3-Axis Accelerometer	3-Axis Accelerometer to detect movement
LED and Buzzer	1xLED and 1x buzzer to indicate status
Button	1xButton to operate and trigger events(SOS)
Antenna	Internal (GNSS/LoRa/Wi-Fi/BLE)
Communication Distance	2 to 8km (depending on gateway antenna, installation, and environments)
IP Rating	IP65
Dimensions	85 x 55 x 6.5 mm
Device Weight	32g
Operating Temperature	-20°C to +60°C
Operating Humidity	5% - 95% (No condensation)
Certification	CE /FCC /TELEC /RoHS /REACH
Location	
GNSS Constellation	T1000-A/B: GPS/GLONASS/Galileo/BeiDou/QZSS T1000-C/D: GPS/ BeiDou
GNSS Sensitivity	-145dBm cold start / -160 dBm Tracking
GNSS Location Accuracy	~1m CEP, GPS, -130dBm
Wi-Fi Positioning	Passive scanning, uploads the scanned 4 MAC addresses
Bluetooth Positioning	uploads the scanned 3 best signal MAC addresses of Beacon
Battery	
Battery Capacity	Rechargeable lithium battery, 700mAh
*Battery Life Estimates	4 months on a single charge(uplink every 1 hour, only GNSS data)
Battery Life Monitoring	Periodic uplink battery level
Charge Cable (Adapter not included)	USB magnetic charging cable, 1 meter
Power Input Voltage	4.7 to 5.5V DC
Charging Temperature	0 to 45°C

Dimension



Software

Work Mode	Standby: only heartbeat uplink; Periodic: upload location in intervals; Event: modify the interval by temperature, light and motion(start, end, shock, motionless timeout);
Data Storage	Over 1000 location data records store on the device when there is no LoRaWAN® coverage
App	Configuration via Bluetooth App

Order Model

Model	GNSS	Temperature	Light	Accelerometer
T1000-A	√	√	√	√
T1000-B	√	×	×	×
T1000-C	via LoRa Cloud	√	√	√
T1000-D	via LoRa Cloud	×	×	×

Note:

*via GNSS Cloud: Semtech's [LR1110 LoRa Edge](#) solution is utilized to acquire location data, and the location is encrypted and sent to [Semtech LoRa Cloud](#) for decryption .

* Battery life depends on temperature, installation, location interval, network coverage and sensor settings.