



SenseCAP Card Tracker
SenseCAP T1000





PRODUCT DESCRIPTION

The SenseCAP T1000 Tracker, as compact as a credit card, effortlessly fits into your pocket or attaches to your assets. It's equipped with GPS, Bluetooth, and Wi-Fi for seamless indoor and outdoor positioning. Beyond just location tracking, it observes parameters like temperature, brightness, and movement. With an emergency button and buzzer, and a battery life that stretches for months on a single charge, it assures reliable tracking across various applications.

FEATURES

- Universal frequency support: Can operate in a frequency range from 863 MHz to 928 MHz, supports seven frequency plans.
- GNSS support: Utilizes GPS, GLONASS, Galileo, BeiDou and QZSS for comprehensive and precise location tracking.
- Integrated sensors: Comes with sensors for temperature, light, and movement (3-axis accelerometer).
- LoRaWAN connectivity: Energy-efficient long-distance communication, ideal for areas with limited network coverage.
- Bluetooth and Wi-Fi positioning: Enhances indoor location accuracy by scanning Wi-Fi and Bluetooth signals.
- Long-lasting battery: Rechargeable 700mAh lithium battery with a runtime of up to 4 months.

APPLICATION

- Accurate positioning
- Situational Awareness
- Emergency Reporting with SOS Button and Buzzer
- Environmental monitoring

SPECIFICATIONS

PRODUCT MODEL

Model	T1000-A
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GENERAL PARAMETER

Backhaul	LoRaWAN® (v1.0.4 Class A)
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GENERAL PARAMETER

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
Dimension	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



LOCATION

Wi-Fi Positioning	Passive scanning, uploads the scanned 4 MAC addresses
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Bluetooth Positioning	uploads the scanned 3 best signal MAC addresses of Beacon
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BATTERY

Battery Capacity	Rechargeable lithium battery, 700mAh
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Battery Life Estimates	4 months on a single charge (uplink every 1 hour, only GNSS data)
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Battery Life Monitoring	Periodic uplink battery level
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Charge Cable (Adapter not included)	USB magnetic charging cable, 1 meter
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Light	0 to 100% (0 is dark, 100% is brightest)
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Power Input Voltage	4.7 to 5.5V DC
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Charging Temperature	0 to 45°C
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