

INDUSTRIAL PRODUCT DATASHEET

SenseCAP Card Tracker T1000-E for LoRaWAN

SenseCAP Card Tracker T1000-E for LoRaWAN: versatile long-range tracking with multi-sensor integration, GNSS/Wi-Fi/Bluetooth positioning, easy configuration, and strong LoRaWAN support for asset tracking, environmental monitoring, an...

SKU	UPDATED	PRICE
114993591	2026-09-02 03:20:14	\$39.90(Excl. VAT)



Overview



The SenseCAP Card Tracker T1000-E for LoRaWAN is a versatile long-range tracking device that comes preloaded with LoRaWAN firmware and integrates open-source software, temperature, light, and 3-axis accelerometer sensors, as well as GNSS, Wi-Fi, and Bluetooth positioning. It offers easy configuration via the SenseCraft App, strong LoRaWAN network support, and user-friendly buttons for power, Bluetooth setup, and SOS, making it suitable for asset tracking, environmental monitoring, and logistics management.

Key Features

1. **Open - source Software:** Offer full source code, enabling community contributions and custom dev.
2. **Multi - sensor Integration:** Integrate temp, light, 3 - axis accel sensors. Support GNSS, WiFi & Bluetooth for indoor/outdoor positioning.
3. **Easy Configuration:** Via [SenseCraft App](#), users can easily configure device params.
4. **Strong LoRaWAN Support:** Ensure quick device network access and config.

User - friendly Buttons: Simple button ops for power on/off, Bluetooth setup, SOS alarm, etc.

Versatile LoRaWAN Connectivity – T1000-E for Your Tracking Needs

SenseCAP Card Tracker T1000-E for LoRaWAN is designed for versatile long-range tracking applications. It comes preloaded with **LoRaWAN firmware** out of the box, providing reliable and low-power connectivity for asset tracking and GNSS-based applications.

1. LoRaWAN – Out-of-the-Box LoRaWAN Communication

Ideal for long-range, low-power IoT applications using public or private LoRaWAN networks.

- See and buy: [SenseCAP Card Tracker T1000-E for LoRaWAN](#).

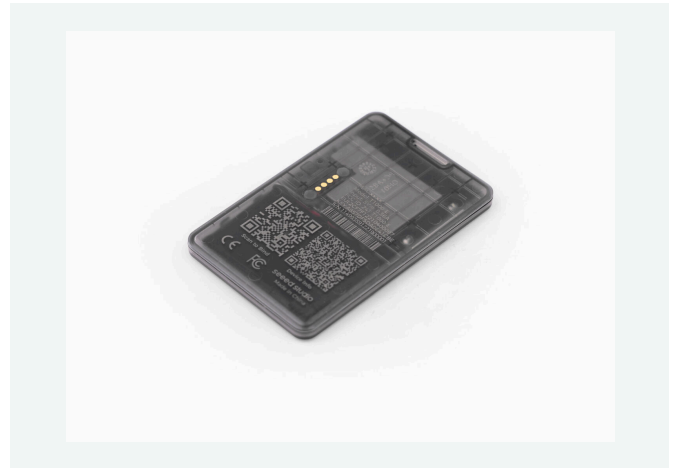
2. SoftRF – GNSS-based Positioning & ADS-B

Open-source firmware for peer-to-peer GNSS telemetry, ADS-B reception, and geolocation experiments.

- [SoftRF for SenseCAP T1000-E](#)
- [Quick Start Guide](#)

Tip: The SenseCAP Card Tracker T1000-E for LoRaWAN comes with LoRaWAN firmware preloaded and is ready to use with LoRaWAN networks.

Product Gallery





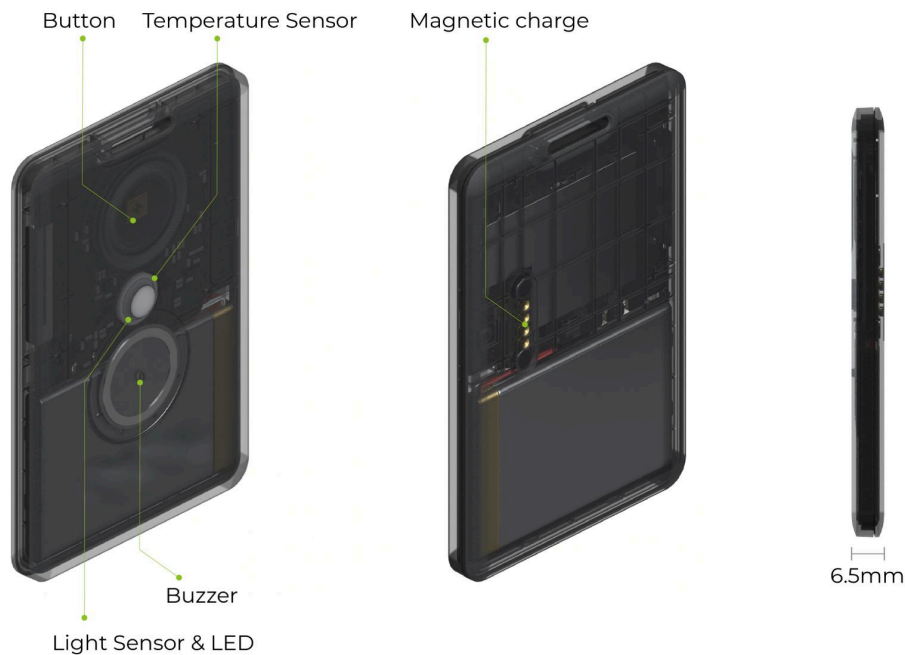
Specification

General Parameters	
Product Model	T1000-E
Backhaul	LoRaWAN® (v1.0.4 Class A)
Bluetooth	Bluetooth v5.1, setting via SenseCraft 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	1*LED and 1* buzzer to indicate status
Button	1*Button to operate and trigger events(SOS)
Antenna	Internal (GNSS/LoRa/Wi-Fi/BLE)
Communication Distance	2 to 5km (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 /RoHS
Location	
GNSS Constellation	GPS/GLONASS/Galileo/ BeiDou/QZSS
GNSS Sensitivity	-145dBm cold start / -160 dBm Tracking
GNSS Location Accuracy	~1m CEP, GPS, -130dBm
Wi-Fi Positioning	Passive scanning, uploads the scanned 3~5 MAC addresses
Bluetooth Positioning	uploads the scanned 3 best signal MAC addresses of Beacon
Battery	
Batthey Capacity	Rechargeable lithium battery, 700mAh
*Battery Life Estimates	3 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

Hardware Overview



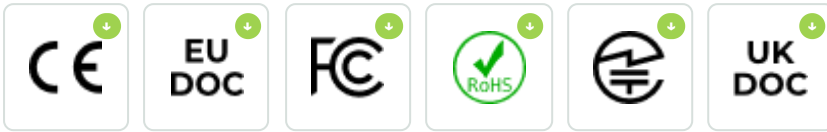
Applications

- **Asset Tracking:** Monitor asset status and location remotely. Transmit location data to the cloud via LoRaWAN. Users can view real - time position and trajectory on mobile or PC management platforms.
- **Environmental Monitoring:** Leverage built - in thermal, photosensitive sensors and 3 - axis accelerometer. Collect and upload environmental data in real time via LoRaWAN for remote parameter monitoring.
- **Logistics Management:** Install on vehicles or packages. Track cargo transport status (routes, stops, on - time arrival) in real time, aiding logistics firms in scheduling and management.

Part List

Tracker T1000-E	x1
USB Cable (Adapter not included)	x1

Compliance & Logistics



HSCODE	9031809090
USHSCODE	8517620090
UPC	
EUHSCODE	9013101000
COO	CHINA

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy.

If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- <https://www.seeedstudio.com/SenseCAP-Card-Tracker-T1000-E-for-LoRaWAN-p-6408.html>

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