



RT67

LoRaWAN GPS Tracker

RT67 LoRaWAN GPS tracker is a rugged IP65 asset tracker for long-range monitoring. Combines GPS, LoRa & BLE for reliable positioning, features an 8,100mAh battery, tamper/vibration alerts, and <20 μ A sleep current for secure, low-maintenance asset & inventory management.



Applications



Assets Tracking



Assets Tracking



Inventory Management



5-Year Battery Life

8,100mAh disposable lithium-ion battery, 15-minute reporting interval for 5+ years.



Multi-Tech GPS+LoRa+BLE

Reliable positioning solution leveraging both satellite and terrestrial technologies.



Tramper Alert

Light & vibration sensors will report alerts for abnormal removal and vibration.



Temperature Monitor

Built-in temperature sensor monitors board temperature.



20 μ A Sleep Current

Draws <20 μ A in standby to extend battery life and lower routine maintenance.



IP65 Water & Dust Resistant

Rugged, reliable design for steady outdoor performance.

GNSS

Positioning system	GPS, LoRa, BLE	
Frequency	GPS L1: 1575.42 MHz	
Positioning accuracy	5 m CEP	
Tracking sensitivity	-162 dBm	
Acquisition sensitivity	-148 dBm	
TTFF (open sky)	Avg. cold start \leq 35 sec	Avg. hot start \leq 2 sec

LoRa

Frequency	902-928 MHz
-----------	-------------

Power

Battery	8100 mAh 3.6 V disposable lithium-ion battery
Input voltage	3.6V DC
Self-discharge rate	< 1% per year (storage temperature < +25°C)
Operating current	Active < 50 mA

Sleep < 20 μ A

Interface

LED indication	LoRa (Red), GNSS (Green)
Bluetooth	BLE 5.1 (iBeacon & Gateway)
Data storage	128-packet offline storage capacity
Antenna	Internal high-gain GNSS & LoRa antenna
Tamper proof	Light sensor tamper alarm

Physical specification

Dimensions	L126 x W67 x H22 mm
Weight	156g

Operating environment

Temperature	Operating temperature: -30°C ~ +80°C	Storage temperature: -40°C ~ +85°C
Operating humidity	5% ~ 95% (no fog)	
IP rating	IP65	

© Shenzhen Kingwo IoT Co., Ltd. All rights reserved.
Specifications, appearance and accessories subject to change without notice.