

T-234 (4G CAT 1)

Long Standby Asset Tracker

Sinocastel T-234 is a long standby asset tracker with built in rechargeable 10000mAH battery and 4G connectivity. It comes with cost effective solutions for wide range of applications such as fleet management, container and trailer tracking, valuable asset tracking, auto finance and car rental etc.



Weight:
200g

Temperature:
-30°C~+70°C

Standby time:
1 report/day, 5 year

Battery:
Rechargeable lithium battery,
10000mAH/3.7V

- IP67 waterproof
- Mileage statistics
- Up to 5 years long standby
- Battery monitor
- Up to 64 circular regions Geo-fence
- Real-time tracking
- Store up to 96,000 pcs location data
- Driving behavior detection
- Speeding alarm

Application



Fleet management



Asset tracking



Car rental



Logistics

Specification

Mechanical	Size	108mm (L) x 65mm (W) x 35mm (H)	
	Weight	200g	
Interface	Magnetic 4 pin port	Charging and configuration	
Data transmission	LTE and SMS		
Positioning method	GNSS/A-GNSS/LBS		
Storage	8MB FLASH		
Battery	Rechargeable lithium battery, 10000mAh/3.7V		
Power consumption	Average: <100mA	Sleep mode: <10mA	
GNSS	System: GPS/BDS/Glonass/Galileo	Channels: 66	
	Sensitivity: -165dBm	Accuracy: 2.5m CEP	
	Time to first fix: Cold start: <35s (typ.)	Hot start: <1s (typ.)	
Cellular	T-234M (LTE Cat M1/Cat NB2, Global)		
	LTE Cat M1: B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B25/B26/B27/B28/B66/B85		
	LTE Cat NB2: B1/B2/B3/B4/B5/B12/B13/B18/B19/B20/B25/B26/B28/B66/B71/B85		
	T-234LE (LTE Cat 1, EMEA) LTE FDD: B1/B3/B5/B7/B8/B20		
	T-234LSA (LTE Cat 1, LA/AU) LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66		
Bluetooth	BLE 5.3, universal BLE sensor support		
Light sensor	Removal detection		
3-axis Accelerometer	Motion detection, driving behavior detection		
LED Indication	GNSS/Cellular/Battery indication		
Antenna	Cellular/Internal	GNSS/Internal	Bluetooth/Internal
Optional accessories	BLE tag/BLE temperature sensor		
Environment	Working Temperature	-30℃ ~ +70℃	
	Storage Temperature	-40℃ ~ +85℃	
	Humidity	5% ~ 95% (no fog)	

Bluetooth Support



Temperature Sensor



Bluetooth Tag