

T-233 (4G CAT 1)

Ultra-long Standby Asset Tracker

Sinocastel T-233 is an ultra-long standby asset tracker with built in disposable 8100mAH 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 etc.



Weight:
200g



Temperature:
-30°C~+70°C



Standby time:
1 report/day, 5 year



Battery:
non-rechargeable 8100mAh/3.6V



IP67 waterproof



Magnetic attraction



Up to 5 years long standby



Battery monitor



Up to 64 circular regions Geo-fence



Real-time tracking



Store up to 24,000 pcs location data



Removal alarm



OTA firmware update

Application



Fleet management



Asset tracking



Car rental



Logistics



Specification

Mechanical	Size	108mm (L) x 65mm (W) x 35mm (H)
	Weight	200g
Data transmission	LTE and SMS	
Positioning method	GNSS/A-GNSS/LBS	
Storage	2MB FLASH	
Battery	Disposable low self-discharge Li-SOCI2 battery, 8100mAh/3.6V	
Standby time	Up to 5 years with one GNSS report per day	
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-233M (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-233LE (LTE Cat 1, EMEA) LTE FDD: B1/B3/B5/B7/B8/B20	
	T-233LSA (LTE Cat 1, LA/AU) LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66	
Light sensor	Removal detection	
LED Indication	GNSS/Cellular/Battery indication	
Antenna	Cellular: Internal	
	GNSS: Internal	
	Bluetooth: Internal	
Environment	Working Temperature	-30℃ ~ +70℃
	Storage Temperature	-40℃ ~ +85℃
	Humidity	5% ~ 95% (no fog)