T-235 (4G CAT 1)
Hardwired Asset Tracker

Sinocastel **Make your car talk···**

Sinocastel T-235 is a hardwired asset tracker with built in rechargeable 10000mAH backup 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.

65mm

35mm

108mm

Weight:
200g

Temperture:
-30°C~+70°C

Standby time:
1 report/day, 5 year

Battery:
Rechargeable lithium battery, 10000mAH/3.7V

- Data reports
- 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
- Removal alarm
- External power off alarm

Application

Fleet management

Asset tracking

Car rental

Logistics

Specification

Mechanical	Size	108mm (L) x 65mm (W) x 35mm (H)
	Weight	200g
Interface	M16-12 male connector	3 digital inputs / 2 analog inputs / 3 digital outputs
		1 RS-485 interface with voltage output
	Magnetic 4 pin port	Charging and configuration
Data transmission	LTE and SMS	
Positioning method	GNSS/A-GNSS/LBS	
Storage	8MB FLASH	
Power	Working Voltage	9-36VDC
	Working Current：(Average: <100mA)/ (Sleep mode: <10mA)	
	Backup battery	Rechargeable lithium battery, 10000mAH/3.7V
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-235M (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-235LE (LTE Cat 1, EMEA): LTE FDD: B1/B3/B5/B7/B8/B20	
	T-235LSA (LTE Cat 1, LA/AU): LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B668/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	Relay / Ultrasound fuel sensor / BLE tag / BLE temperature sensor / BLE relay	
Environment	Working Temperature: -30℃ ~ +70℃ Storage Temperature: -40℃ ~ +85℃	

Bluetooth Support

Temperture Sensor

Bluetooth Tag

Bluetooth Relay

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