

# LT-163 (4G)

## 4G Motorcycle GPS Tracker

LT-163 is a 4G vehicle GPS tracker with wide range voltage input, compact size, and built-in GPS/LTE antenna. It's ideally suitable for motorcycle, electro mobile and common vehicles in the anti-theft and tracking market.











**Weight:**  
50g

**Working Temperature:**  
-30°C~+70°C

**Storage:**  
2MB FLASH, up to  
24,000 GPS data storage

**Protection:**  
IP65

-  Wide voltage input range
-  ACC detection
-  Driving behaviors detection
-  Built-in battery
-  Alarms and events reporting
-  Real-time tracking
-  Over-speed alarm
-  SMS configuration

## Application



Fleet management



Car service shop



Car rental



Vehicle insurance

# Specification

<b>Mechanical</b>	Size	75mm (L) x 48mm (W) x 20mm (H)
	Weight	50g
<b>Interface</b>	Power and I/O: Battery+, Ground, ACC input and Relay control on a 4 pin connector	
	Optional SOS on a 2 pin connector	
	Configuration Port: Micro-USB	SIM Card Socket: Micro SIM, Push-Push Type
<b>Data transmission</b>	Packet data (LTE) and SMS	
<b>Positioning method</b>	GNSS/A-GNSS	
<b>Storage</b>	2MB FLASH, up to 24,000 GPS data storage	
<b>Power</b>	Working Voltage	9-90VDC
	Working Current	Max.: <200mA@13.8/27.6VDC Average: <150mA@13.8/27.6VDC Sleep mode: <10mA@12/24VDC
	Backup battery	3.7V/160mAH
<b>Cellular</b>	LT-163LE(LTE Cat 1, EMEA): FDD LTE: B1/B3/B5/B7/B8/B20	
	LT-163LSA(LTE Cat 1, LA/AU): FDD LTE: B1/B2/B3/B4/B5/B7/B8/B28/B66	
<b>GNSS</b>	Channels: 66	Sensitivity: -165dBm Accuracy: 5m CEP
	Time to first fix: Cold start: <30s (typ.) Hot start: <1s (typ.)	
<b>3-axis accelerometer</b>	Driving behavior detection	
<b>LED Indication</b>	GNSS/Cellular/Power indication	
<b>Antenna</b>	Cellular/Internal	GPS/Internal
<b>Environment</b>	Working Temperature	-30 °C ~ +70 °C
	Storage Temperature	-40 °C ~ +85 °C
	Humidity	5% ~ 95% (no fog)

# Interface

