

LT-168 (4G CAT1)

4G Waterproof Vehicle GPS Tracker

LT-168 is an intelligent on-board diagnostic device that complies with OBD II and SAE J1939/J1708 (heavy duty) standards, with plug-and-play technology, can read diagnostic information from vehicle ECU and capture location data via built-in GPS, send them to the rear end server for real-time remote diagnostics and tracking purposes.



Weight:
300g

Temperature:
-30°C~+70°C

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

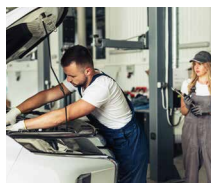
Protection:
IP67

-  IP67 waterproof
-  4G CAT1
-  Intelligent tracking
-  Plug-and-Play
-  Real-time tracking
-  Fuel consumption statistics
-  Mileage statistics
-  Engine data statistics

Application



Fleet management
and vehicle tracking



Car service
shop



Vehicle
insurance



Car
rental



Mining
industry



Construction
industry

Specification

Mechanical	Size	114mm (L) x 62mm (W) x 34mm (H)			
	Weight	300g			
Interface	OBD interface: 16 pin standard OBD II				
	Configuration interface: Micro USB				
	SIM card interface: Micro SIM, Push-Push Type				
Storage	2MB FLASH, up to 24,000 GPS data storage				
Data Transmission	Packet data and SMS				
Positioning Mode	GPS				
OBD Protocol	SAE J1850 PWM	SAE J1850 VPW	ISO 9141-2	ISO 14230-4	ISO 15765-4
	SAE J1939	SAE J1587/J1708			
Power	Working Voltage: 9-36VDC				
	Working Current: Average Current: <150mA@13.8/27.6VDC				
	Max. Current: <200mA@13.8/27.6VDC				
	Sleep Current: <10mA@12/24VDC				
	Backup battery: 3.7V/160mA				
3-axis IMU	Driving behavior detection				
GPS	Channels: 66				
	Sensitivity: -165dBm				
	Accuracy: 5m CEP				
	Time to first fix: Cold start: <30s (typ.) Hot start: <1s (typ.)				
Cellular	LT-168L1E(LTE Cat 1, EMEA): LTE-FDD: B1/B3/B5/B7/B8/B20/B28;GSM: B2/B3/B5/B8				
	LT-168LSA(LTE Cat 1, LA/AU): LTE-FDD: B2/B3/B4/B5/B7/B8/B28/B66;GSM: B2/B3/B5/B8				
	LT-168L1A(LTE Cat 1, NA): LTE-FDD:B2/B4/B5/B12/B13/B25/B26;WCDMA: B2/B4/B5				
LED Indicator	GPS/Cellular/OBD indication				
Buzzer	System status/Alarm indication				
Antenna	Cellular Antenna	Internal			
	GPS Antenna	Internal			
Accessories	Configuration cable	OBD II extension cable	9-Pin deutsch wiring harness		
	6-Pin deutsch wiring harness	Power cable			
Environment	Working Temperature	-30℃ ~ +70℃			
	Storage Temperature	-40℃ ~ +85℃			
	Humidity	5%~95% (no fog)			