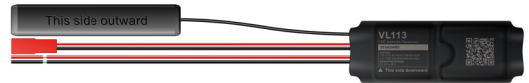




VL113

LTE Vehicle Terminal

The VL113 is a compact vehicle-mounted covert tracking terminal that supports Cat.1 communication, has a wide voltage input range of 9-90V, and offers GPS, BeiDou, WiFi and LBS positioning with AGPS assistance. It features an external LTE antenna, an option for an external battery, and supports real-time tracking mode, alarm mode, sleep-wake tracking mode, and condition-based mode. It also includes anti-detection and GPS jamming alarm functions, making it suitable for applications in automotive finance, rental and mortgage, fixed asset management, and logistics management.



Motorcycle Tracking



Fleet Management



Vehicle Dealers



LTE Network

Stable communication via 4G LTE networks.



GPS & BDS & GLONASS & WiFi & LBS Positioning

A synergy of multiple positioning systems ensures that locations are accurately displayed on the cloud platform.



Multiple Working Modes

Configurable working modes according to your actual demands (tracking mode, alarm-based mode, sleep-wake tracking mode, condition-based mode)



Anti-Detection

In specific modes, the terminal's location cannot be detected by external detectors.



GPS Jamming Alarm

Comes with a GPS jamming alarm function.



Nano Protective Coating

Equipped with the latest nano-coating technology, providing enhanced waterproof performance.

Standard Configuration

Positioning & Location

Technology	GPS, BDS, GLONASS, WiFi, LBS, AGPS
Accuracy	< 2.5m CEP
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤ 1sec; Avg. cold start ≤ 32sec

Cellular

Technology	LTE Cat 1
	VL113_EU;
	LTE-FDD: B1/B3/B7/B8/B20/B28;
Frequency	LTE-TDD: B34/B38/B39/B40/B41
	VL113_JP;
	LTE-FDD: B1/B3/B5/B8/B18/B19/B26/B28
	LTE-TDD: B41

Power

Battery	N/A
Input voltage	DC 9-90V
Power consumption	Standby: < 5mA
	Working: < 60mA

Operating environment

Operating temperature	-20°C to +70°C
Operating humidity	5% to 95%, non-condensing
IP rating	IP44

Interface

LED indication	GNSS (Blue), Cellular (Green)
SIM	E-SIM
Digital I/Os	N/A
Analog I/Os	N/A
Voltage detection	0-90V
Memory capacity	3000 GPS data entries
USB	N/A
No. of onboard relays	N/A
GNSS antenna	Internal
Bluetooth antenna	N/A
Serial ports	N/A

Feature

Voice monitoring range	N/A
Sensors	Accelerometer
	Vibrating alert, Speed alert, Geo-fence
Scenarios	entry/exit alert, Power disconnection alert,
	Low internal battery alert
Driving behavior	Harsh acceleration, Harsh braking, Harsh
analysis (DBA)	cornering, Collision
Bluetooth	N/A
Configuration support	SMS, Tracksolid Pro
Certification	CE

Physical specification

Dimensions	49.0 x 20.0 x 9.2mm
Weight	24g

Optional Configuration*

Battery	1000mAh/3.7V Industrial-grade Li-Polymer battery
SIM IC	5 x 6mm onboard

*Optional Configuration required to be customized or purchased separately.