



Product Datasheet

Part Code: VGPST-R-5YR-IP65

Railway Freight Wagon **GPS Tracker**

Key Features

- GPS + LBS positioning
- IP65 water proof
- Intelligent power management
- Tamper alert
- WCDMA & GSM
- 5 years standby (1 position per day)
- Strong magnet
- Tracked by: SMS, APP, Web



Specifications

GSM Specification	Communication system	GSM
	GSM frequency	850/900/I 800/I 900MHz WCDMA 850/900/I 900/2100MHz
	GPRS	Class 12, TCP/IP
	Memory	32 + 32 Mb
	Phsase error	RMSPE<5,PPE<20
	Max output	GSM850/GSM900:33±3dBm GSM 1800/GSM I 900:30±3dBm
	Max frequency error	±0.1 ppm
	Receive sensitivity	Class II RBER2%(-102dBm)
GPS Specification	Chipset	High sensitivity GPS chips
	Frequency	GPS L I, 1575.42MHz
	Channel	32
	Location accuracy	< 10 meters
	Tracking sensitivity	-162dBm
	Acquisition sensitivity	-148dBm
	TTFF (open sky)	Avg. hot start 51 sec Avg. cold starts 32sec



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Specifications.....continued

Function & Package	Switch	1 for base falling detection
	GSM/GPS antenna	Built-in quad band GSM antenna, GPS dual-mode antenna
	LED indicator	Red: status
	Working voltage/current	3.6V/60mA
	Tracking hour	80 hours (GPS always ON)
	Operating temperature	-20 C --+70 C
	Battery	5400mAh / 3.6V lithium battery
	Device weight	160g
	Device dimension	93.0 x 58.0x 22.0mm