MAGNETIC ASSET GPS TRACKER

2G / 4G connectivity | 10,000 mAh battery | Magnetic mounting



Flexible asset tracking

W2-ST03 combines BDS, GPS and LBS positioning with a high-capacity battery and a strong magnetic base. It supports real-time or periodic location reporting.

Intelligent power management

Reduces unnecessary power consumption when the device is idle.

Tamper detection

A light sensor detects device removal and triggers a tamper alert.

KEY FEATURES

- Strong magnetic base for easy attachment to suitable metal surfaces.
- 10,000 mAh / 3.7 V lithium-polymer battery.
- Storage for 3,000 GPS data entries.
- 66 GPS channels; location accuracy <5 metres.

APPLICATIONS

Fleet management | Vehicle rental | Logistics

For more information or Sales related queries, please contact W2track Team & visit us at www.w2track.com

TECHNICAL SPECIFICATIONS

NETWORK & MAIN SPECIFICATIONS	
Network	2G + 4G
Frequency bands	2G: 850/900/1800/1900 MHz 4G FDD: B1/B3/B5/B7/B8/B20; TDD: B38/B39/B40/B41
Memory capacity	3,000 GPS data entries
Phase error	RMSPE <5, PPE <20
Maximum output	LTE-TDD / LTE-FDD: Class 3 (23 dBm ± 3 dB)
Receive sensitivity	FDD-LTE / TDD-LTE: ≤ -96 dBm
Maximum frequency error	± 0.1 ppm
Colour	Black

GPS SPECIFICATIONS	
Frequency	BDS B1: 1561.098 MHz; GPS L1: 1575.42 MHz
GPS channels	66
Location accuracy	<5 metres
Tracking sensitivity	-163 dBm
Acquisition sensitivity	-146 dBm
TTFF (open sky)	Average hot start ≤3 sec; average cold start ≤32 sec

POWER & PHYSICAL SPECIFICATIONS	
Working voltage / current	3.7 V / 70 mA
Operating temperature	-20°C to 70°C
Battery	10,000 mAh / 3.7 V Li-Polymer
Charger	5 V DC
Device weight	252 g
Dimensions	115 × 78 × 25 mm

Technical reference: BR06 India datasheet, page 1.

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