TK100S is a rugged, portable asset/covert tracker which is able to be quickly mounted on the metal surface of the valuable asset (i.e. chassis, container) by its strong magnets. It's equipped with a high capacity rechargeable battery which makes TK100S suitable for asset related monitoring applications.

TK100S adopts Qi certified wireless charging solution to resolve the hassle of charge cables; besides, device configuration can be done wirelessly via Bluetooth.

In addition, the introduction of ASA resin instead of traditional ABS and PC plastic not only maintained the main characteristics of the ABS and PC, it also combines the weather resistance advantage of acrylic to extend the product application for outdoor purposes.

CarNeTek

TK100S

Suitable Applications:

- Container and Mobile Asset
- Trailer and Caravan
- Construction Equipment
- Plant Machinery
- Boat and Motorcycle

GNSS Portable Magnetic Asset/Covert Tracker

Industrial Strength Magnets
Mounted on any metal surface in a second

Large Memory Size
Event can be stored and delivered to the backend server

Detach Alert
Alert triggered when device is being removed

Rugged and Compact
Can be placed in any challenge position

Geo Zone
Instant location entry and exit alerts

Ultra-Long Battery Lifetime
Rechargeable high capacity battery embedded

Weatherproof
IP67 water and dustproof design

GPS Real-time Location
Event tracking, continuous tracking

ASA Resin for weather resistance
Significantly extend durability for outdoor purposes

Core Features:

- Ultra-long standby time
- Qi wireless charging
- Bluetooth supported
- Crypto authentication
- AGPS supported
- Intelligent power saving modes
- Detach button for tampering alert
- Multiple geo-fence zones
- Configurable real-time tracking and logging
- Get location by making phone call
- GSM jamming alert
- Motion report
- FOTA by FTP

Product Specifications

GNSS Features		Antenna	
Chipset	Mediatek MT3333 supports GPS/GLONASS/BEIDOU WAAS/EGNOS/MSAS/GAGAN/QZSS	GNSS	Internal patch antenna
		Cellular	Internal PCB antenna
		Bluetooth	Built-in
Sensitivity	-165dBm tracking	**On Board**	
AGPS	Supported	Memory	8M bytes internal memory
Cellular Features		3-axial accelerometer	Built-in
Technologies	3 models available (2G) Quad-band GSM/GPRS (4G) GSM/LTE CAT-M1/LTE NB-IOT (4G) GSM/HSPA/LTE CAT1	LED indicator	Red: Power Orange: Cellular Green: GNSS Blue: Bluetooth
Electrical		Bluetooth	Supports BT3.0 and BLE
Battery	6800mA/h Li-ion rechargeable	USB	Micro USB
Power Consumption (2G)	Sleep: <140µA Operating: <89mA*	SIM type	Micro SIM
		Environmental	
		Plastic casing	ASA Resin, anti-UV
Power Consumption (LTE CAT-M1/NB-IOT)	Sleep: <140µA Operating: <100mA*	Operating temp.	-20 ~ +60°C
		Physical	
		Waterproof	IP67 water and dustproof
Power Consumption (LTE CAT1)	Sleep: <140µA Operating: < 107mA*	Dimensions (L x W x H)	116.5 x 48 x 42.5mm
		Weight	256g
		Mount	Magnets/Cable Tie Screws/Epoxy

* Measurement based on real-time tracking reports sent to the back-end server per minute

All specifications are subject to change without notice

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