Use Internet Service

Visit http://www.gpsoo.net and login to manage your device.

Visit http://www.trackersupreme.co.za for more information.

1. Product Features

GPS-T3 is a GPS+GSM data terminal, with easy installation, product features include:
- GSM900/1800 Dual Band GSM, GSM850/1900 Optional.
- Working voltage 7V-50vDC.
- GPS work continuously or work with interval.
- Data backup when GSM out of service.
- SMS query.
- Remote fuel supplemental control.
- Internal Li-ion battery for wire cut alarm.
- User define fence.

2. Product Specification

- GSM Band:	Dual Band GSM/GPRS support
- GPRS:	Class12/TCP/IP
- Working Voltage:	7-50vDC
- Working Current:	25mA@12vDC (ACC ON)
- GPS Chipset:	u-blox G6010
- GPS Channels:	50
- Tracking Sensitivity:	-160dBm
- GPS Fixed Time	Cold Start<29s(Open sky)
Warm Start	<29s
Hot Start	<1s
Aided Start	15s
- Battery	75mAh
- Working Temperature:	-20℃~+80℃
- Humility:	20%~80%RH
- Size:	47.8(L)x74.8(W)x17.4(H)mm
- Weight:	46g
- LED Indicators	RED-GSM, BLUE-GPRS, Yellow / Green-GPS

3. Operation Guide
3.1 Package

Packing List:
- GPS tracker
- cable (power supply, acc on and relay)
- User manual

4) 123

Instruction	Format	example
Query address in Chinese	123	123
Note:	Use this message to query address in Chinese, if language is English, it will return URL, the same as URL message.	
Examples:	Send "URL" Return "…"	

3.6 Query Instruction

1) Query Parameter

Instruction	Format	example
Query Device Information	PARAM#	PARAM#
Note:	Use this instruction to query device main parameters.	
Examples:	Send "PARAM" Return: IMEI:3534XXXXXXXXXX; APN:Internet; IP:gm901.szdatasource.com:8841; TIMER:10S; CENTER TEL:1380XXXXXXX; LANGUAGE:EN; TIME ZONE:8.00	

2) Query Device Working Status

Instruction	Format	example
STATUS	STATUS#	STATUS#
Note:	Use this message to check the device working status, like GSM, GPRS, GPS status.	
Examples:	Send "STATUS#" Return: BATTERY:100%, GPRS:NORMAL, (Connect to server successfully) GSM Signal:MIDDLE, (GSM signal level) GPS: FIXED, (GPS status) GPS Signal:MIDDLE, (GPS signal level) ACC:OPEN, RELAY:DISABLED, CHARGER:NORMAL	

3) URL

Instruction	Format	example
URL	URL#	URL#
Note:	Use this message to query the position on Google map.	
Examples:	<UTCTime:10-11-18 18:41:04>http://maps.google.com/maps?q=N22.540885,E113.951341	

3.2 SIM card installation

SIM Socket   SIM direction

Important notice:
- Insert SIM card to power on the device, device will power off when SIM card is removed.
- SIM card must support GPRS service.
- SIM card must be in service.
- If SIM card require PIN code, please use other GSM mobile handset to remove the pin code.

3.3 Installation Guide

Connection Diagram

PIN No	Colour	Description
1	RED	Power supply 7-50V DC
2	Black	Ground
3	Green	Future use
4	Yellow	Relay control drive signal
NOTE		Please use 12V RELAY in 12V system (car), use 24V RELAY in 24V system (trucks, busses)

3.4 Status Indication

No LED Colour Status Descriptions

1 RED. Light GSM work normal. Flick No GSM signal
2 BLUE. Light GPRS connected to the server. Flick GPRS connected failed.
3 YELLOW-GREEN. Light GPS fixed. Flick GPS searching.

Note The LEDs will light up about 5 minutes, then turn off to save power, if you want to check the status, just call the phone number of the device.

3.5 Message Instructions
Please note, the first 2 settings, APN and Time zone settings are the minimum settings that must be send to the tracker for it to start working. The rest is optional.

1) APN Settings
Instruction Format for **Vodacom**
Send (SMS) APN Setting to tracker:
 APN,internet#
Tracker will respond with: Set "APN OK!"

2) GMT Time Zone
Send (SMS) time zone Setting to tracker:
 GMT,E,8#
Tracker will respond with: "Now Time Zone is UTC+8"

3) Language Setting
Send (SMS) Setting to tracker (English language):
 LANG,0#
Tracker will respond with: "SET LANGUE OK, New LANGUAGE is ENGLISH"

4) TIMER Settings

Instruction	Format	example
TIMER Setting	TIMER,n#	TIMER,20#
Note:	n=0, or n>=10. N=0, stop upload data. n>=10 and ACC Signal in high level, upload data in every n seconds.	
Examples:	Send "TIMER,20#" Return "TIMER set ok. Now data upload period is 20 seconds."	

5) CENTER Number Setting

Note: If you want to receive a SMS when the tracker's power supply is removed / cut, you must add the center number to your tracker (the phone it needs to sms when the power goes off). Only 1 phone can be the center number at any given time. See next instruction to add a center number.

CENTER Number Setting
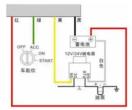
Instruction	Format	Example
Add Center Number	CENTER,A,+27856722881#	CENTER,A,+27856722881#
Delete Center Number	CENTER,D#	CENTER,D#
Note:	1) Only center number can send RELAY control message. 2) Only one center number can be set. 3) Center number will receive the wire-cut alarm message.	
Examples:	Send "CENTER,A,+27856722881# " Return "SET CENTER TEL OK. TEL Number is +27856722881."	

6) RELAY Control

Instruction	Format	example
RELAY control enable	RELAY,1#	RELAY,1#
RELAY control disable	RELAY,0#	RELAY,0#
Note:	1) Send this message to make remote control like fuel supplement. 2) Only work when the center number being set. 1) For safety reason, when device get this message, it will stop the fuel supplement when speed < 20Km.	
Examples:	Send: "RELAY,1#" Return "Relay ON!"	

7) Geofence Setting
  This function is only available on the website.

8) Restore Factory Setting

Instruction	Format	example
Restore Factory default	FACTORY#	FACTORY#
Note:	Restore factory setting, part of settings will restore factory default.	
Examples:	Send "FACTORY#" Return "Factory Reset OK"	

9) Device RESET

Instruction	Format	example
RESET	RESET#	RESET#
Note:	Device will reboot.	
Example:	Send "RESET#" Return none.	