

# User Manual

## MW3 GPS Tracker

### (Vehicle/Motorcycle)



#### 1. Specification

GSM module MTK program, GSM 850/900/1800/1900

Support TCP protocol

GPS Chipset U-BLOX 7020(Support GPS/Glonass/Galileo/Compass)

GPS sensitivity -162dB

Hot start 1sec.,average

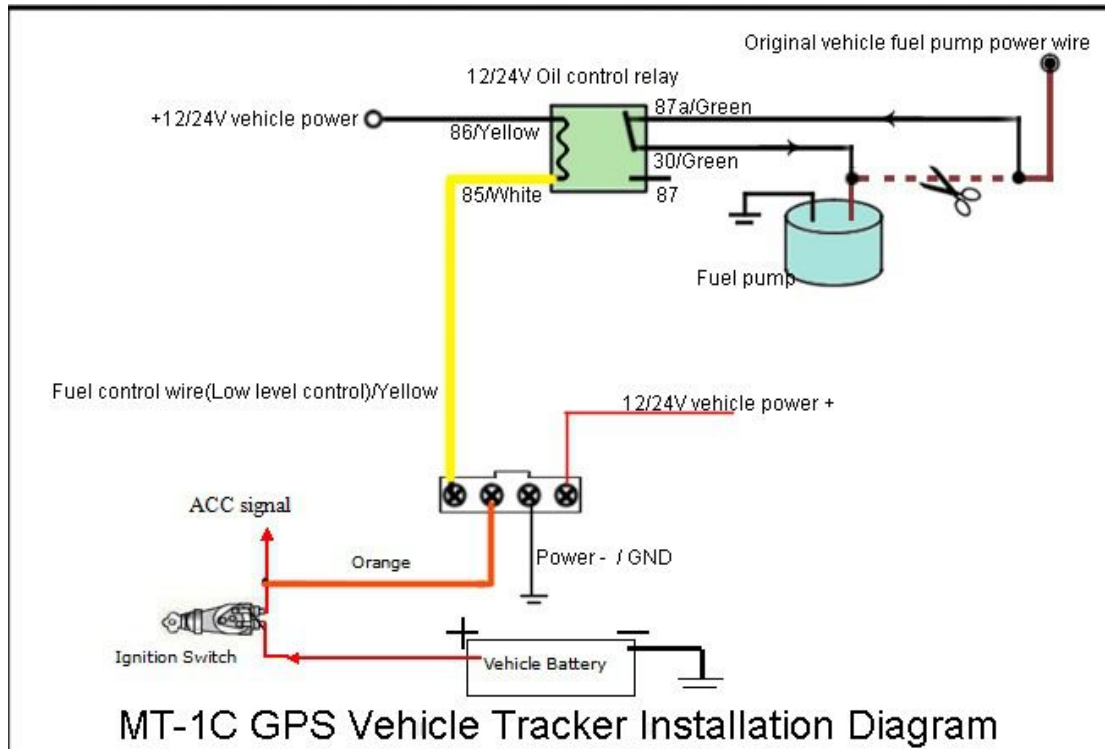
Warm start 30 sec.,average

Cold Start 35 sec, average

Altitude Limit 18,000 meters (60,000feet) max.

## 2. Wiring connections

Red (+)12V -24V  
Black GND(-)  
Yellow Cut oil  
Orange ACC



## 3. Work Mode

This tracker has two work modes: SMS and GPRS. SMS mode is for off-line tracking by mobile phone. GPRS

Mode is for on-line tracking by computer and mobile phone.

Operating temperature -20°C – 65°C

Battery Volume 50mAh

Dimension 89mm × 51mm × 15mm

Voltage 10V – 45V

Average Current When stand-by <84mA

## Detail Operation

### 1. Controller phone number

Command: \* controller phone number \* user password \*Sequence number (1-3) \*\*

Eg: \*13900000000\*0000\*1-3\*\*

Reply: SET USER NUMBER 1-3 OK

Note: 1. Tracker can have three pre-saved numbers

2. New Number can cover the old number

3. No pre-saved number also can control the tracker, but alarm information only to pre-saved number

## **2. Work Mode Exchange :**

SMS Mode Command: 700+ user password

Eg: 7000000

Reply: SET MODE OK, CURRENT MODE: SMS

GPRS Mode Command: 710+ user password

Eg: 7100000

Reply: SET MODE OK, CURRENT MODE: GPRS

## **3. Change user password**

Command: 777+new password +old password (4 figures)

Eg: 77712340000

Reply: SET USER PASSWORD OK

## **4. Request the single position**

Command: 666+ user password

eg: 6660000

Reply: when the tracker receive the command, then will send the position with longitude and latitude

## **5. Request location with Google map URL link**

Command : 669+ user password

Eg: 6690000

Command: Reply : When the tracker receive the command, tracker will send a Google link to the sender

## **6. Command Get Daily report:**

Command : 665+ user password+HHMM

Example: 66500001022

Reply: SET DAILY REPORT OK

Note: HH stands for hour with defined range of [00, 23]. MM stands for minute with defined range of [00, 59].

Close daily report function: 665+password+OFF (Default)

Example: 6650000OFF

Reply: SET DAILY REPORT OFF

## **7. Geo- Fence**

Turn On Geo-fence

Command: 211+ password

Eg: 2110000

Reply: GEO-FENCE ON

Set Geo Fence Command: 005+user password+Rzzz.z

E.g: 0050000R1.0 (1000M)

Reply: GEOFENCE ON

Turn geo-fence off

Command: 210+ password

Eg: 2100000

Reply: GEO-FENCE OFF

### **8. Battery low voltage alert**

While device detect internal battery is low power, it will send coordinate message with  
STATE:LOW P OWER

### **9 .Alert while power off**

Open the power off alert Command: 011 + user password

eg: 0110000

Reply: POWER ALARM ON

Close the power off alert Command: 010 + user password

eg: 0100000

Reply: POWER ALARM OFF

### **10. Power cut**

Cut power: 940+password

Eg: 9400000

Enable power: 941+password

Eg:9410000

### **11. Mileage Statistics(Software Support)**

Set initial mileage value (zero clearing)

Command: 142+PW<+M+X>

Eg : 1420000

Reply : MILEAGE STATISTICS RESET OK

Eg : 1420000M1000

Reply : SET TOTAL MILEAGE OK,CURRENT: 1000

Note: M is delimiter, X is initial mileage value with unit of meter

Read current mileage

Command: 143 + user password.

eg: 1430000

Reply : MILEAGE STATISTICS:ON, CURRENT TOTAL MILEAGE:XX.

### **12. Time Zone**

Command: 896 + user password + D + NN

Eg: 8960000E08

Reply : TIME ZONE SET OK,CURRENT: E8.

Note : D takes E or W to indicate east or west time zone respectively. N takes a 2-digit number (1-12) to indicate time zone number.

### **13. Overspeed Alarm**

Command : #122#user password#X##

Eg: #122#0000#120##

Reply: SET RATE LIMIT:120

Close command : #122#0000#0##

Note : X is speed benchmark value, which is an integral number. unit is KM/H with defined domain of [0, 999].

#### **14. Tow alarm**

Turn on tow truck alert: 181 + user password + TX

Eg: 181000015 (15 seconds)

Reply : TOWED ALERT ON

Turn off tow truck alert: 180 + user password

Eg: 1800000

Reply : TOWED ALERT OFF

Note: X is the continuous time, the wide is 【15, 100】 , the unit is second

#### **15. Set Defence Alarm ON/OFF**

Set Up Defence: 712+password

Eg: 7120000

Reply: SF OK

Set Down Defence: 713+password

Eg: 7130000

Reply: CF OK

#### **16. Set Access Point Name (APN)**

Command1: #803#user password#APN##

eg: #803#0000#CMNET##

Command2 : #803#user password#APN#APN user name#APN  
password##

Reply: SET GPRS APN OK

#### **17. Set server IP address and Port**

Command: #804#user password# IP # Port ##

Eg:#804#0000#58.64.205.24#8000##

Reply: SET SERVER IP AND PORT OK

#### **18. Set Data upload interval time**

Command: #805#user password# X #1## (ACC ON)

eg: #805#0000#12#1##

Reply: SET GPS SAMPLING TIME AND QUANTITY OK

Command: #809#user password# X #1## (ACC OFF)

eg: #809#0000#480#1##

Reply: GPRS REPORT SAMPLING 2 OK

Note : X is mean interval time, the unit is seconds, the wide is 【10, 59999】, 1 is mean the interval quantity, when X=0,

Close the upload function

### **Specail Command :**

1、Reset Command : \*RESET#0000##

2、Restart Command \*RESTART#0000##

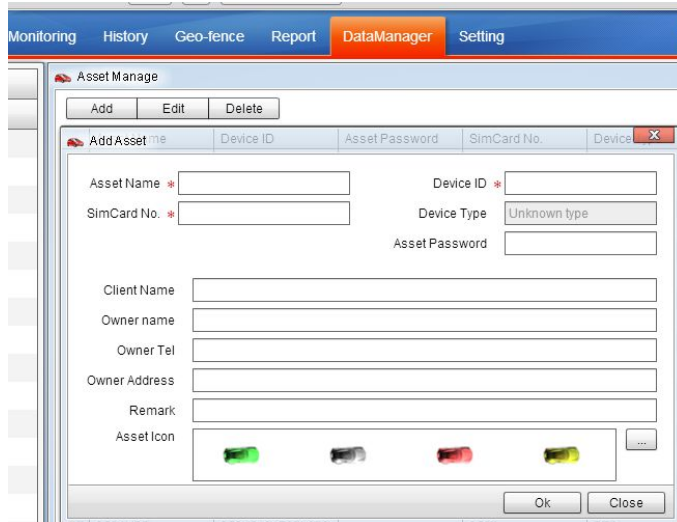
3、Read the current setup information Command: \*RCONF# and \*RCONF1#

### **Track by 900D web based tracking software Setup.**

Please follow above commands to set ip,port(IP is 58.64.205.24, port 8000), and APN, data upload interval.

Then please go to <http://900d.igpstracking.net>

Enter the user name and password we provided. After log in, please go to “Data Manage-Asset Manage”, click “Add”



The screenshot shows a web browser window with a navigation menu at the top containing 'Monitoring', 'History', 'Geo-fence', 'Report', 'DataManager', and 'Setting'. The 'DataManager' tab is active. Below the menu is a window titled 'Asset Manage' with 'Add', 'Edit', and 'Delete' buttons. The 'Add Asset' form contains the following fields: 'Asset Name \*', 'Device ID \*', 'SimCard No. \*', 'Device Type' (a dropdown menu showing 'Unknown type'), and 'Asset Password'. Below these are 'Client Name', 'Owner name', 'Owner Tel', 'Owner Address', 'Remark', and 'Asset Icon' (a selection of four icons: green, black, red, and yellow). 'Ok' and 'Close' buttons are at the bottom right.

Asset Name: Define by yourself; you can enter A-Z number or Numeric

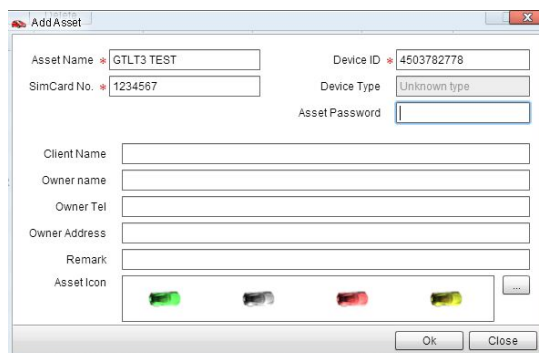
**Very Important Note:** Terminal ID and Plate number are unique on the software, you can add once only, you need to delete it from database before adding it again. Only admin account can delete id from database, general user cannot. You do not need to delete and re-add if the device cannot work on software, because it's caused by your wrong sms setting, not the software.

Terminal Type: **Do not choose.**

SIM card: the SIM card phone number you put in MW3 or any number.

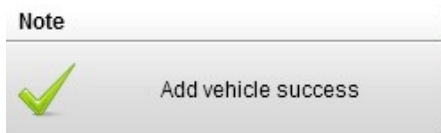
Device ID: On the vehicle of MW3, you can find the “Device ID”.

Asset Password: define by yourself.



This screenshot shows the 'Add Asset' form with the following data entered: 'Asset Name \*' is 'GTLT3 TEST', 'Device ID \*' is '4503782778', and 'SimCard No. \*' is '1234567'. The 'Device Type' dropdown is still set to 'Unknown type' and the 'Asset Password' field is empty. The other fields ('Client Name', 'Owner name', 'Owner Tel', 'Owner Address', 'Remark') are empty. The 'Asset Icon' selection shows the green icon selected. 'Ok' and 'Close' buttons are at the bottom right.

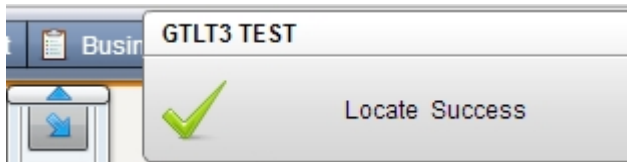
Click "Submit", and then you add the GPS tracker MW3 successfully on the software 900D.



Wait few seconds, and you will see the GPS Tracker online icon on software



Put a check mark on the device, and right click, you will see the menu as below picture. Now you can track online.



**Attention: For 900D GPS Software, "Monitor" and "Number Plate" must be checked till the font becomes blue, then the GPS tracker will update location automatically on map. Like below picture:**



## Contacts

If you encounter any problems when using our products, and cannot solve them by yourself, please contact our technical support team by writing an E-Mail to us. We will be pleased to help you.