1. Product Introduction

GPRS/GSM Model GPS intelligent terminal (Mobile user terminals)
Built-in industrial GPRS/GSM communication module and the newest SIRF-Star III
High-sensitivity GPS receiver positioning module adopt GPRS and SMS Dual-mode
communication, terminal run stably and reliably, full functions, multi-interface, the
terminal can be applied to concrete, rental, logistics, public transport, bus and other
fields, and also according to different industries, tailored to different users

2. Characteristics
1) small size, easy to install;
2) accurate GPS positioning, dynamic positioning deviation is less than 5 m;
3) support GSM voice and SMS functions, UDP / TCP protocol communications in
GPRS mode;
4) support the GPS data uploading at intervals and location;
5) support the two way voice communication function;
6) support Call Barring of group numbers function;
7) support two way SMS communication via Mobile and PC software;
8) support the mute function;
9) support authorized tapping function;
10) support protection from high or low level voltage function;
11) support 5 levels of signal detection;
12) support the data resend from signal dead zone function;
13) support remotely locking vehicle function;
14) support watching vehicle function;
15) support SOS alarm function;
16) support the power-off alarm function;

17) support the high-voltage under-voltage alarm and alarm functions;
18) support over speed alarm function;
19) support parking alarm function;
20) support illegal door-open, illegal engine-start alarm function;
21) support fuel consumption detection;
22) support fuel changing alarm;
23) support mileage statistics;
24) support Geo-fence alarm;
25) support fatigue driving alarm;
26) support temperature detection alarm;
27) support a serial peripherals (such as the car handles, scheduling screen, camera);

Fuel Sensor

Connection Digram

Tank fuel sensor wiring circuit diagram

Adding a new fuel sensor or use original fuel senso

- 10-Green cable，fuel sensor postive pole
- 12-white&black cable，fuel sensor negative pole
- 11-Gray cable，Oil control line
- 9-red&black cable，+5VDC

Adding a new fuel sensor

- 4-Blue cable，HV2 high power inspection
- 8-White cable，HV1 high power inspection/illegal automatic inspection
- 7-Orange cable,LV1 low power inspection

Car Alarm
Siren or horn
12VDC or 24vDC Power

- 3-Yellow，   Relay+
- 2-Black，   Relay -

Yellow cable of relay
White cable of relay
Green cable of relay
Green cable of relay
Automobile oil pump control

- 6-palm cable，SOS indicator light
- 5-Purple cable,SOS(GND)
- 1-Red cable，SOS input

Sperker
SOS Button

M508 GPS Drvice

Connect GPS Antenna
12PIN-extend port
9PIN -handle/232 peripherals cable
3PIN- Power cable
Connect GPRSAntenna

- 7-palm cable，Sperker negative pole
- 6-Blue cable，Speaker positive pole
- 5-White cable，MIC negative pole
- 4-Orange cable,MIC positive pole

MIC

- 8-Black cable，power GND cable
- 3-Green cable，RS232-TXD
- 2-Yellow cable，RS232-RXD
- 1-Red cable，+5VDC

Can add some as handle

- 1-red cable,power positive pole
- 2-black cable-power GND
- 3-yellow cable-ACC inspection cable

Car Keys,ACC cable

Car power

Car Keys

Car Card place
ON
Battery Switch
OFF