

## Introducing MTO2

Introducing the latest **SIRF III GPS** and **SIM300D GSM** tracking module, with excellent sensitivity and assured performance, user can do fleet tracking and management via a cell phone and a lap top.

1. Built in **GPS** and **GSM** antenna, which is easy to hide and install.
2. Built in memory, it can store **GPS** locations when signal is unavailable, and send locations when there is signal, making tracking more reliable.
3. Built in battery, working continuously for 6 hours, with standby time of about 1 week.
4. Water proof casing and design.
5. Built-in instant surge power, protecting inside components.
6. Is available with voltage at 6V/12V/24V, accordingly supplied with a 6V/12V/24V relay.
7. Can be used in motorbikes, cars, and trucks.

## Main functions

1. Tracking via **SMS** or **GPRS** (TCP/UDP).
2. **Cell phone tracking with address name.**
3. Tracking by time interval.
4. Tracking by distance.
5. Movement alarm.
6. Geo-fencing control.
7. Low battery alert.
8. Speeding alert.
9. Real time tracking and history location play back.
10. ACC detecting.(optional)
11. Position logging capacity up to 260,000+ waypoints.
12. Stores in **GPS** location when in blind area & forwards location, when **GPRS** is re-established.

## Installation & operating instruction

<b>Professional installation</b>	Only qualified personnel and auto-electricians should install or repair the MTO2 tracking module.
<b>Correctly connected</b>	When connecting with other devices, read carefully its manual so as to carry out correct installation. Do not connect the module to other incompatible devices.
<b>Standard accessory</b>	Use original parts, fit correct batteries and peripheral equipment to avoid damage to the MTO2.
<b>Working environment</b>	Please avoid electromagnetic wave interference. When GPS signal is shielded, the MTO2 cannot be tracked. Please move it to a GPS signal coverage place, the MTO2 will restart automatically to accept signal.
<b>SIM number</b>	For safety reasons, do not tell other people the mobile phone number of your MTO2 tracking module, without taking precautions. <i>For South Africa remember to - RICA the SIM card.</i>
<b>Safe driving</b>	Drivers should not operate this product while driving. MTO2 tracking module operates with a good GSM signal coverage.

## MTO2 parameters & specification

Item	Specification
Power Supply	+9V- +35V/1.5A
Backup Battery	850mAh
Dimension	79mm x 57mm x 21mm
Installation Dimension	103mm x57mm x 21mm
Weight	145g
Operating temperature	-20° to 55° C
Humidity	5% to 95% Non-condensing
Frequency	GSM 900/1 800/1 900Mhz or GSM 850/900/1 800/1 900Mhz (optional)
GPS Chipset	latest GPS SIRF-Star III chipset
GPS Sensitivity	-158Db
GPS Frequency	L1, 1575.42MHz
C/A Code	1.023 MHz chip rate 20 channel
Channels	all-in-view tracking
Position Accuracy	10 m, 2D RMS
Velocity Accuracy	0.1 m/s 1 us synchronized to GPS time
Time Accuracy	GPS time
Default datum	WGS-84
Reacquisition	0.1 sec., average