

# MTS2000

## Modern Tracking System



# Technical Specifications



## Features

- \* Internal GSM/GPRS Modem with high power to allow tracking even in low coverage areas.
- \* Internal flash memory 128 KB up to 512 KB RAM which can store 100 hours of vehicle locations at 3 minute update intervals.
- \* Use for both real-time monitoring and data logging.
- \* On-board parameters can be configured remotely via base station.
- \* Intelligent position recording on the on-board data buffer with external memory up to 8 M byte.
- \* It has a microphone & speaker interface to enable voice calling.
- \* Additional digital I/O for vehicle status and remote control.
- \* Panic button option.
- \* Single box designed for easy installation.
- \* Input Voltage 12 VDC (unregulated) from car battery.
- \* Immunity to different kind of weathers.
- \* Low weight and small sized.
- \* Operates on car battery.
- \* **MTS2000 SDK** for integration with Fleet management and GIS software applications.

**MTS2000** is a system to track vehicles (Nile cruises - ships - trucks - cars - buses - taxis - limousines ...etc).

**MTS2000** incorporates security, tracking, personal alarms, voice communications and many other control features.

## Operation

MTS2000 transmits the car location information which is collected by a GPS module to the head office using Short Message Services (SMS) over GSM networks. In the head office there is a receiver unit which is connected to a computer loaded with tracking software and country maps to display the car location, these maps could be raster or vector. Tracking is upgradeable to a higher level of accuracy.

## MTS 2000

Tracking Commands

Internal Memory  
Additional Inputs

## GPS

Channels  
Update rate  
Accuracy  
Output

## Internal GSM/GPRS Modem

Dual Band  
High power

## Environmental

Shock-resistant  
Operating Temperature  
Storage Temperature

## Power

Input Voltage  
Typically draw  
Standby draw  
Internal Battery

- Instant Position Reporting
  - Last 5 Positions Reporting
  - Auto Position Reporting
  - Custom Distance/Time interval
- 30 000 Track points  
8 General purpose I/O's

12,parallel,L1 frequency  
1 second, continuous  
15 meter RMS  
NEMA 0183 version 2.0 ASCII

GSM 900/1800  
2W @900 MHz

-30°C to +65°C  
-40°C to +85°C

12 to 40 VDC, unregulated  
1.5 A  
300 mA  
Rechargeable 3V Lithium ion cell battery Up to 6 months Charge

## Product Package Content



**MTS2000** Main controller unit with built-in GSM/GPRS module



External GPS receiver

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