

Vehicle Tracking System

VTS Features

- ❖ Track your remote vehicles easily and instantaneously
- ❖ GPS based tracking unit
- ❖ GPRS for remote location connectivity
- ❖ Device support GPRS and SMS connection
- ❖ QUAD band GSM - 850 / 900 / 1800 / 1900 MHz
- ❖ Robust metallic enclosure for in-carriage installation
- ❖ Internal Li+ rechargeable battery with 2 hours backup
- ❖ 4 digital O/P, 4 digital I/P and 3 analog I/P support
- ❖ RS232 port for future enhancement
- ❖ 4 LED indications for GSM / GPRS, GPS, system status
- ❖ Upto 10000 GPS records storage capacity
- ❖ Competitively low cost device
- ❖ Dashboard mountable
- ❖ Emergency call and SMS facility using switches
- ❖ Device has mobile headset jack
- ❖ Tamper proof switch for remote monitoring
- ❖ Provision for internal & external antennas

Communication Interfaces

- ❖ Serial RS232 port for enhancement
- ❖ QUAD band GSM / GPRS
- ❖ Analog input 0 to 10 V
- ❖ Digital input 0 to 30 V
- ❖ Digital output 500 mA

Power supply

- ❖ **Vehicle battery powered device:** 10- 40V
- ❖ **Backup battery:** Rechargeable Li-Ion battery with 2 hour backup
- ❖ **Protection circuit:**
 - ♦ Over voltage
 - ♦ Over current
 - ♦ Reverse voltage

Environmental

- ❖ **Operating temperature:** 0 to 60 Deg C
- ❖ **Operating humidity:** up to 95%
- ❖ **Storage temperature:** -20 to 70 Deg C
- ❖ **Vibration test:** 2G



Software

- ❖ **Firmware upgrade** over COM port
- ❖ **Firmware upgrade** over GPRS

GPS Features

- ❖ **Cold Startup time:** 29 sec., average
- ❖ **Warm startup time:** 28 sec., average
- ❖ **Hot startup time:** 1 sec., average
- ❖ **Channels:** 12
- ❖ **Reacquisition:** 0.1 sec., average
- ❖ **Sensitivity:** -161 dBW
- ❖ **Position accuracy:** 5 meter CEP

Unit Dimensions

- ❖ **(LxWxD):** 110x70x25mm

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