

Vehicle Tracking Unit 84VT



Overview

Visiontek 84VT, Vehicle Tracking Unit equipped with state of the art GPS receiver provides reliable and accurate navigation data. The unit enables the vehicle owners or third parties to track the location of a Truck, Ship, Container, Car or any object which is moving.

All the communication with the user/server is handled by Tri-Band GSM/GPRS module which accurately delivers all the navigation data. The communication is either through Short Message Service (SMS) or GPRS network.

The Visiontek 84VT is provided with a RS-232 port for configuration of the unit. The unit can be also remotely configured (OTA Configuration). In addition the unit is provided with two SOS switches (One for Voice & One for SMS) for communicating with pre-defined numbers. A voice port is provided for two way communication and buzzer is provided for incoming calls alert. The unit can be configured to receive the incoming calls from pre-defined numbers.

GSM / GPRS & GPS

SMS/GPRS Communication

Voice Port & Buzzer

Application Areas

- Logistics
- Fleet management
- Commercial Vehicle Monitoring
- Public Transport Systems
- Delivery & Courier services
- Taxi Services
- Emergency Vehicles and Security



Antenna



LED Indicators

Benefits

- Acquire, monitor and transmit the vehicle position
- RS-232 port for configuration of parameters
- Data transmission through SMS or GPRS call
- GSM, GPS and Power LED indications
- Battery reverse protection
- Low power consumption
- Remote configuration Over The Air (OTA)

Features

- Tri-band 900/1800/1900 MHz GSM/GPRS Module
- 20 Channels GPS receiver (SIRF III)
- RS-232 Serial Port
- Wide DC input voltage range (9V-30V)
- Local & Remote Configuration (OTA)
- SMS / GPRS Communication
- Support TCP & UDP
- Real Time Clock (RTC)
- On-line and Off-line tracking
- LED indication for GSM, GPS and Power status
- Switch for voice & SMS communication
- Buzzer for incoming calls indication
- Provision for configuring Five incoming call numbers
- GSM + GPS Combo antenna

Specifications

Module	900/1800/1900 MHZ Tri-band GSM/GPRS module 20 channel GPS receiver (SIRF III)
System	GSM, GPS
Output	Class 4 (2W for GSM 900) Class 1 (1W for GSM 1800)
SIM (RUIM) Interface	External SIM 1.8V & 3V
SMS	Supports Text
GPRS Packet Data	Class 10; Coding Scheme CS1 to CS4
LED Indication	Power GSM GPS
Connectors/Switches	RS-232 Serial SIM Card Holder SMA antenna connector for GSM SMA antenna connector for GPS Voice port (Headset*) for two-way voice communication Switch for emergency SMS Switch for emergency voice call
Power Supply	Wide DC input voltage range (9V - 30V)
Enclosure	Aluminum
Temperature	Operating: -10°C to +55°C Storage: -40°C to +85°C
Humidity	5% - 85% RH
Dimensions in mm	109 x 86 x 38 (L x W x H)
Weight	250 grams
Antenna	GSM + GPS Combo antenna
Software	PC Utility for configuring the unit.

Note: We pursue a policy of continuous research and product development. Specifications and features are subject to change without notice

* Indicates Optional Feature

