

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



Connectors



LED Indicators

Connectivity

GPS/GPRS	GPS
----------	-----

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
SIM Interface	1.8V / 3V & SIM card holder on CPU
Output	Class 4 (2W for GSM 900 MHZ) Class 1 (1W for GSM 1800/1900 MHZ)
Power Supply	DC 9V – 30V
Connectors	Power cable for connecting to external battery (Default length – 2 meters) SMA antenna connector for connecting external GSM antenna SMA antenna connector for connecting external GPS antenna RS-232 port for configuration Tact switch for SMS Tact switch for voice call Voice port (*Headset) for two-way voice communication
LED Indication	Power GSM GPS
Environment	Normal Operation Temp.: -10°C to +55°C Restricted Operation Temp.: -30°C to -20°C, +55°C to +80°C Storage: -40°C to +85°C Humidity: 5% - 85% RH
Antenna	2.5dB stick antenna for GSM
Module Approvals	FTA, CE
Dimension	103mm x 93mm x 36mm
Weight	250 grams (without antenna)

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

* Indicates Optional Feature

Disclaimer: VISIONTEK® is a registered trademark owned by Linkwell Telesystems Pvt. Ltd.



Linkwell Telesystems Pvt. Ltd. Gowra Klassic, Begumpet, Hyderabad 500 016, Andhra Pradesh, INDIA
Telephone: +91 40 66388000, Fax: +91 40 66388006, e-mail: info@visiontek.co.in www.visiontek.co.in