



Find'n'Secure™

Tracking & Fleet Management Software



VT-63

GPS/GLONASS/GSM vehicle tracker

VT-63 is a SPECIAL waterproof (IP67) tracker with Bluetooth connectivity, internal high gain GNSS and GSM antennas and integrated high capacity backup battery. Device is designed to work longer without power supply. VT-63 with NiMH battery can work up to 2 days in power saving mode. VT-63 is perfectly suitable for agriculture, delivery, refrigerated transport, trailers tracking, security & emergency services and even more. 6-30V power supply makes VT-63 suitable for motorbikes and water transport.

Advanced Features



Fuel Monitoring



Tow Reporting



Temperature Monitoring



Overspeed Reporting



Door Lock / Unlock



Panic Reporting



Engine Immobilizer



Odometer Monitoring



2-Way Voice Communication

Features

- Waterproof (IP67) case allow use device in place where is contact with water
- With new integrated GNSS module, your tracking experience will be better than ever before. Even higher sensitivity, faster than ever cold start and almost instant hot start ensures that your fleet will be tracked precisely
- Small and easy to mount case
- High gain internal GSM antenna and internal GNSS antenna allow mount VT-63 much easier
- Real Time tracking
- Smart data acquisition based on time, distance, angle, speed delta, ignition and I/O events allow to have precise online tracker
- Sending acquired data via GPRS (TCP/IP and UDP/IP protocols)
- Smart algorithm of GPRS connections for GPRS traffic saving
- Operating in roaming networks by preferred GSM providers list
- Add all your unwanted GSM operators to black list
- Events from I/O elements detection and sending via GPRS or SMS
- 5 geofence zones (rectangular or circle)
- Auto Geofencing created for car towing detection and car theft prevention
- Deep Sleep mode (less than 6 mA power consumption)
- Online Deep Sleep mode for constant connection with server
- Firmware and configuration update via GPRS (FOTA)
- 3 operational modes (Home, Roaming, Unknown) based on operator
- Time synchronization by NTP (Network Time Protocol) if GNSS signal is absent
 - Integrated scenarios:
 - Over speeding to secure driver and prevent penalties
 - Immobilizer function
 - Authorized driving (1-Wire iButton ID keys up to 50 iButton keys) is used to prevent stealing or driver identification
 - GSM Anti-jamming detection
 - Trip start and end detection

Technical Specifications

GSM

- Quad-band 900/1800 MHz; 850/1900 MHz
- GPRS Multi-Slot Class 12 (up to 240 kbps)
- GPRS Mobile Station Class B
- SMS (text/data)

GPS/GLONASS

- Tracking: 33/ 99 acquisition channels
- -165 dBm sensitivity
- Hot start < 1s
- Warm Start < 25s
- Cold start < 35s
- NMEA-183 protocol
- GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
- Accuracy < 3m

Interface

- 3 Digital Inputs (1 reserved for Ignition Status Monitoring)
- 1 Configurable Analog Input (10V or 30V range) or DIN4
- 2 Digital Open-collector Outputs (connecting external relays, LED, buzzers etc.)
- 1-Wire (iButton , RFID, temperature sensors)
- Motion sensor
- Power supply (+6...+30) V DC
- Waterproof (IP67) case
- Internal high gain GSM antenna
- Internal high gain GNSS antenna
- Integrated 400 mAh Ni-MH back-up battery
- Dimensions: L(72,5mm)xW(73mm)xH(27,3mm)
- 2 Status LEDs
- Micro USB Port

Accessories

USB to micro USB cable



1Wire® temperature sensor



1Wire® iButton and iButton reader



Analog fuel sensor LLS-AF 20310



Door sensors



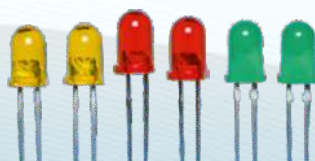
Relay 12V/24V



SOS button



LED



Buzzer



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