Fixed Asset GPS Tracking

DESCRIPTION

The RTS GSM Series is a high performance long range tracking system using global cellular radio technology to communicate the position of people, vehicles, and other remote assets. Remote transmitter and base receiver units support quad band communication with frequencies of 850 / 900 / 1800 / 1900 MHz. The technology is most suitable for tracking units located where global cellular wireless service, specifically General Packet Radio Service (GPRS) and Global System for Mobile Communications (GSM) is available.

Remote tracking units, equipped with GPS receivers, report their position to a GSM base unit via GPRS or Short Message Service (SMS), and, in turn communicate with a Command and Control System (CCS). The CCS integrates the tracking data with data from Google Earth and Google Maps to display real-time tracking unit location and status data via the vMonitor software.

The GSM series can simultaneously track an unlimited number of remote units, each transmitting ID and alarm data, GPS position and satellite count, heading, and speed.

vMonitor--User Interface for Real Time Tracking and Configuration
Global Cellular Tracking System  

**SPECIFICATIONS**

**GENERAL RADIO SPECIFICATIONS**

- **Frequency**: 850/900/1800/1900 MHz  
  - Compliant to GSM phase 2/2+
- **Output Power**: Class 4 (2W @ 850/900 MHz)  
  - Class 4 (1W @ 1800/1900 MHz)
- **Transmission Media**: Global System for Mobile Communications (GSM)
- **Reporting**: General Packet Radio Service (GPRS)  
  - Short Messaging Service (SMS)

**REMOTE FIELD TRACKING UNITS**

- **GPS Data**: Unit ID, Latitude, Longitude, Heading, Speed, Unit Status
- **GPS Receiver**
  - # channels: 20
  - Circular error probability: 25 meters
- **Standard update rate**: 1/Day reporting interval (adjustable)

**Tracking Unit**

- **Input power**: (2) CR1/23A Lithium battery
- **Usage time**: 1000 Messages
- **Dimensions**: 80 mm x 58 mm x 27 mm
- **Weight**: 2.3 ounces (65 g)
- **Operating temperature**: -20 °C - +60 °C

**FEATURES:**

- Geo-Fence Exit & Entry Alerts
- Text & Email Notification
- Trip History View
- Live View
- Data Download

**ORDERING INFORMATION**

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