

Fixed Asset GPS Tracking

GSM Series

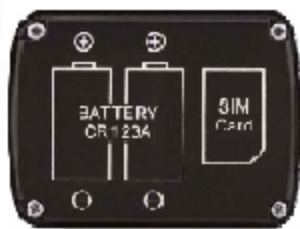
DESCRIPTION

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.

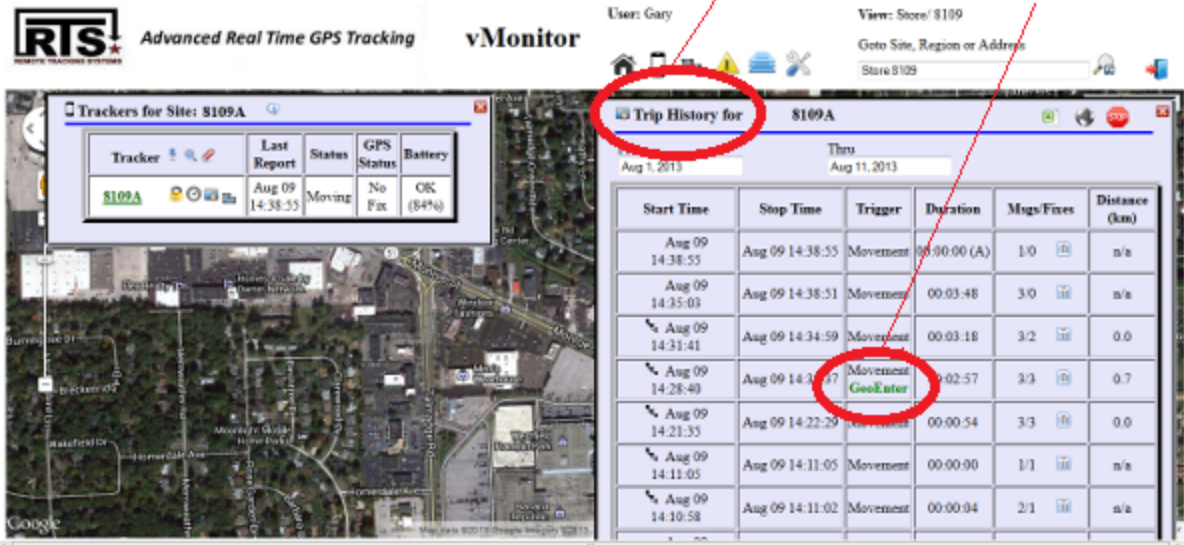
Remote tracking units, equipped with GPS receivers, report their position to a GSM base unit via GPRS or Short Message

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.



Browser based Tracking



RTS Advanced Real Time GPS Tracking vMonitor

User: Gary View: Store/ S109
Goto Site, Region or Address
Store S109

Trackers for Site: S109A

Tracker	Last Report	Status	GPS Status	Battery
S109A	Aug 09 14:38:55	Moving	No Fax	OK (84%)

Trip History for S109A (Thru Aug 11, 2013)

Start Time	Stop Time	Trigger	Duration	Mogs/Fixes	Distance (km)
Aug 09 14:38:55	Aug 09 14:38:55	Movement	00:00:00 (A)	1/0	n/a
Aug 09 14:35:03	Aug 09 14:38:51	Movement	00:03:48	3/0	n/a
Aug 09 14:31:41	Aug 09 14:34:59	Movement	00:03:18	3/2	0.0
Aug 09 14:28:40	Aug 09 14:31:47	Movement GeoEnter	00:02:57	3/3	0.7
Aug 09 14:21:33	Aug 09 14:22:29	Movement	00:00:54	3/3	0.0
Aug 09 14:11:05	Aug 09 14:11:05	Movement	00:00:00	1/1	n/a
Aug 09 14:10:58	Aug 09 14:11:02	Movement	00:00:04	2/1	n/a

vMonitor--User Interface for Real Time Tracking and Configuration

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	2.5 meters
Standard update rate	1/Day reporting interval (adjustable)
Tracking Unit	
Input power	(2) CR123A 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



Advanced Real Time GPS Tracking

vMonitor

User: gary

View: Site/Main

Goto Site, Region or Address

The screenshot shows the vMonitor software interface. At the top, there's a navigation bar with the RTS logo, 'Advanced Real Time GPS Tracking', 'vMonitor', and user information 'User: gary'. Below this is a search bar 'Goto Site, Region or Address' and a 'View: Site/Main' dropdown. The main area is a map showing several tracking units. A pop-up window titled 'Trackers for Site: Main' displays a table of trackers. Another pop-up window titled 'Alerts for Site: Main' displays a table of recent events.

Tracker	Last Report	Status	GPS Status	Battery
GSM001	May 25 08:18:02	Stopped	OK	OK (70%)
GSM002	Apr 24 12:44:43	Fail	No Fix	OK (0%)
GSM003		Fail	No Fix	

Event Time	Event	Tracker	Acknowledgment
May 24 13:06:20	Exit Briargate	GSM001	
May 23 20:59:58	ChgOff	GSM001	
May 23 17:58:07	ChgOn	GSM001	
May 23 13:31:09	LowBat	GSM001	May 25 11:05:33 by gary

ORDERING INFORMATION

Product	Part #	Description	Notes
Remote Field Tracking Units	GSM-FATU	Fixed Asset Tracking Unit	