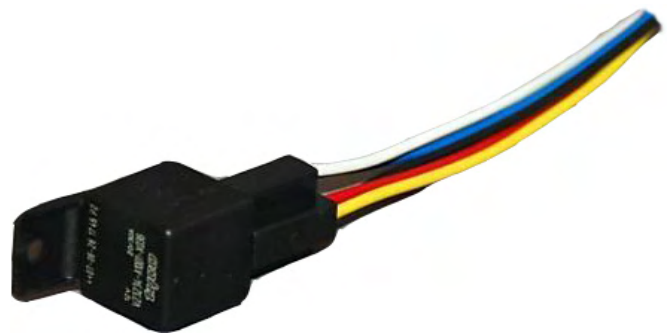


# SANAV GX-101-IF(TA) GPRS/GPS Tracker

High Performance Quadband GPRS/GPS Tracker with 'Store and Forward' Data Logging, Dual Report Interval, 6 Inputs, 2 Relay Driver Outputs, Panic & Remote Call Answer



FC CE



## Introduction

The GX-101-IF(TA) is latest version of the SANAV GPS vehicle tracker, the GX-101. The GX-101-IF(TA) is small and feature rich, so it can be used in almost any GPS vehicle tracking application, e.g. fleet vehicle management, stolen vehicle recovery, heavy equipment monitoring, etc.



**ElectronGPS**



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## Features

- Quadband 850/900/1800/1900MHz GSM operation.
- Microphone and speaker jack for remote dial-up audio access.
- On-board flash memory for 'store and forward' GPS report data logging.
- Dual ignition-kill relay activation modes – 'Immediate' and 'Delay until Stationary'.
- Dual-interval optimized auto-report for minimized wireless data usage.
- Geofencing alerts and SOS button accessory for emergency use.
- Send positions via SMS or GPRS.
- Multiple GPS report triggering modes including Speed/Park, SOS/Panic, Polling, Power Cut, etc.
- Remote Programming via SMS or USB Programming Utility.
- Supports HTTP, TCP, UDP & Email transmissions.

## Applications

- **Workforce Tracking:** Field Service Vehicles, Couriers, etc.
- **Vehicle Tracking:** Delivery Trucks, Shuttle Buses, Rental Cars, etc.
- **Asset Tracking:** Shipping Containers, Construction Equipment, Heavy Plant, etc.

## GX-101-TA Box Contents

- CD with User Manual & Programming Utility (Note: USB Programming Cable required)
- GPS Receiver Module and GSM Antenna
- 12V DC Cable

( **Note:** USB adapter cable accessory required for setup via Windows Programming Utility ).



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# SPECIFICATIONS

## GSM & GPS MODULES

GSM Chipset:	Siemens MC55i, GSM 850/900/1800/1900MHz
GPS Chipset:	MTK-3301 (32 Parallel Channels)

## GPS RECEIVER

GPS Message Format:	NMEA0183: RMC
Datum:	WGS-84
Sensitivity:	-158dBm
Reacquisition:	<0.1sec TTFF (Time To First Fix)
Hot:	1sec TTFF typical
Warm:	38sec TTFF typical
Cold:	42sec TTFF typical
Position Accuracy:	3.3m CEP without SA (Selective Availability)

## GENERAL

Antenna:	External GSM and GPS antennas
External Power Supply:	12.0~24.0 V DC
Internal Battery:	3.7V DC, 1800mAh Li-ion battery
Current Consumption	~180mA @ 12DC
Input/Outputs	6 Inputs, 2 Outputs (capable of driving a 12V relay)
Dimension:	105mm x 100mm x 30mm
Weight:	104g (with 1500mAh battery)
Temperature Ranges:	<b>Operating:</b> -20°C ~ +70°C <b>Storage:</b> -20°C ~ +70°C

**Note:** Specifications and box contents subject to change at any time.



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