ST300

ST300 Multi-functional Vehicle Tracker

Key Features

- Free mounting DPA (Driver Pattern Analysis) functionality
- Built-in 3-axis accelerometer
- Jamming detection
- Voice / silent call
- Circular / polygonal geo-fencing up to 60 zones
- OTA configurable and firmware upgradable via GPRS
- Server locking
- Route deviation

Various functions are optionally available:

- 1-Wire interface with i-Button (Dallas Key)
- 1-Wire interface for temperature monitoring
- CANbus / OBD II
- Passenger counting applications
- Ultra-sonic fuel sensors
- Dual SIMs
- Memory extension with micro SD Card (1 / 2 / 4 / 8G Bytes)

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Specifications

Frequency / Sensitivity	GSM 850 / 900MHz	-104dBm
	DCS1800 / PCS1900MHz	-102dBm
GPRS Communication	TCP / UDP	
GPRS	Multi-slot Class 12	
	Support all 4 coding schemes	
	(CS-1, CS-2, CS-3 and CS-4)	
AT Command	GSM 07.07, 07.05	
Wi-Fi	IEEE 802.11b/g compliant	
Bluetooth	Version 3.0	
Reporting Back-up	Available via dual IP	
GPS Receiver	56 channel	
GPS Sensitivity	-162 dBm (for tracking)	
A-GPS	available	
Dimension	90.5 x 58 x 26 mm	
Weight	63 g (without Back-up Battery)	
	100 g (with Back-up Battery)	
Power Consumption	Typical (3 min reporting): 40~50 mA @12V	
	Sleep mode : less than 2 mA@12V	
Power Supply	DC 8 V to 40 V,	
Electric Protection	ESD Protection, Overvoltage Protection	
Operational Temperature Range	-40°C ~ +85°C	
Back-up Battery	Rechargeable 3.7V, Ni-MH 450mAh	
Event Inputs	1 Ignition	
	2 digital Inputs available for Panic button, Door sensor,	
Event Outputs	2 Outputs, Open drain output of up to 300mA	
	Available for Siren, Vehicle Blocking	
Optional Events	7 extra lines to be used for various purposes such as :	
	RS232, ADCs, Handsfree kit, CANbus, Ultra sonic fuel sensor,	
	Passenger counting system, Digital inputs/outputs and	
	1-Wire interface (i-Button, Temperature monitoring)	
Certificates	ANATEL, CE, FCC, RoHS	