



ARAI GPS

Vehicle Tracker



ARAI Certificate

Comes with ARAI (Automotive Research Association of India) Certificate



SOS Button

Comes with an SOS button that can be used in emergency situation



Operating Voltage

Comes with a wide operating voltage of input range from 9V to 36V



90 Days Data Backup

With 90 days data backup user can check all past reports and playback in ease



Water Resistant Design

Device comes with a water resistance casing design to prevent water entering the device



Multiple Reports

Many useful reports like distance traveled, ignition ON/OFF, Stoppage report, etc. are provided



70+ Software Features

With over 70+ software features provides a best GPS tracking platform



Vehicle Stop / Start

With immobilization feature vehicle can be stopped and start remotely



Web and Mobile Platform

Web and mobile platform are available for user convenience



Multi Language Support

Support for multiple languages commonly spoken across the nation



Multiple Alerts

Supports multiple alerts like Ignition ON/OFF, Overspeed, Device Unplug, Movement, etc.



Geo-Fencing

Get instant alerts when vehicle enters or exits a specified boundary

GSM Specification

GSM frequency	850/900/1800/1900 MHz	
GPRS	Class12, TCP/ IP build in GSM Module	
Memory	32+32Mb	
Phase error	RMSPE<5,PPE<20	
Max output	GSM850/GSM900:33±3dBm	GSM1800/GSM1900:30±3Bm
Max frequency error	±0.1ppm	

GPS Specification

GPS chipset	MTK high sensitivity chip	
Frequency	L1,1575.42MHz C/A code	
GPS channel	66	
Location accuracy	<10 meters	
Tracking sensitivity	-165dBm	
Acquisition sensitivity	-148dBm	
TTFB (open sky)	Avg. hot start≤1sec	Avg. cold start≤32sec

Other Details

Battery	270mAh/3.7V Li-Polymer battery	
Working voltage/current	9-90VDC/7mA (60VDC)	
Operating temperature	-20℃~ 70℃	
Standby time	60 hours	
Working time	3 hours	
Device weight	38g	
Device dimension	78.0(L)*41.0(W)*13.0(H)mm	
Box weight	190g	
Box dimension	123(L)*85(W)*49(H)mm	

Device Images



Application



School Bus



Corporate Shuttle



Logistics Tracking



Container Tracking




Personal Vehicles



Taxi

Certificate Sample



ARAI
Progress through Research

The Automotive Research Association of India
(Research Institute of the Automotive Industry with Ministry of Heavy Industries & Public Enterprises, Govt. of India)

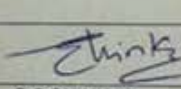
TYPE APPROVAL TEST REPORT

Report No. ARAI/AED/CT/SO-1819-3000002732/637
Dated: 23-Aug-2018


CONFIDENTIAL

1.0	Name and Address of the Customer	Roadpoint Ltd E243, East of Kailish, New Delhi-110065	
2.0	Customer Letter Reference	Email Date: 29-May-2018	
3.0	Test Objective	Component Level Type Approval: Testing of Intelligent Transport Systems (ITS) as per AIS 140: 2016 , amendment 1 (11 th December 2017) notified vide G.S.R. 1095 (E) dated 28 Nov 2016 and notified vide S.O 1663 (E) dated 18 April 2018.	
4.0	Description of the Device Under Test (DUT)	DUT Name	Vehicle Tracking Device with Emergency Button
4.1	Vehicle Tracking Device	Model Name	GAGAN-01
		Model No	GAGAN-01
		Hardware Version	1.0
		Software Version	1.0.0
		GPS chip Make and Model	MC60 Quectel
		GSM chip Make and Model	MC60 Quectel
		Embedded SIM Make	Tata Communication Ltd
		Service Providers	Idea, Airtel
	3 axis accelerometer and 3 axis gyroscope Make & Model	MPU6050, TDK	
4.2	Emergency Button	Part No.	NOPOW
4.3	GPS Antenna	Internal Patch Antenna	

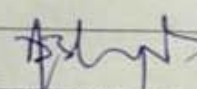
*Note: This report of vehicle Tracking Device is for GPS constellation. However as per AIS 140:2016 Amendment 1, it is mandatory to provide support for IRNSS from 1st Oct 2018. Hence, this certificate is valid for interim period as per AIS 140:2016 guidelines as amended from time to time.



P S SHINKAR
Dy. MANAGER



M M DESAI
Dy. GENERAL MANAGER



A R DESHPANDE
Dy. DIRECTOR & HoD

An ISO 9001, ISO 14001, DHSAS 18001 Certified and ISO/IEC 17025 Accredited Organization

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