

Proudly Fully Made in India - Own design, Own Firmware,
Technically one of the best in (VLT) industry

ARAI[®]
Progress through Research



DIMTS
We help people move



सी डैक
CDAC



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Certifications :

ROADPOINT LIMITED PRESENTS
"FUTURE OF AUTOMOTIVE TRACKING"

AIS-140 with IRNSS

Approved by **ARAI**[®] & **ICAT**
Progress through Research

GAGAN - 01



"Stay Pointless on Road or Just RoadPoint"

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AIS-140 Features

- Real-time tracking with IRNSS/GPS/Glonass
- SOS/ Panic Button
- Solid State Storage with 60000 tracking records
- 4 Digital Input, 2 Digital Output & 2 Analog Input
- Serial Port (RS232)
- 3 Axis Accelerometer & 3 Axis Gyrometer
- Large battery Backup of 800mAh
- Embedded SIM Card with Dual-operator
- Dust & Waterproof (ABS Plastic casing with IP66)
- Immobilizer
- Fuel & Temperature Monitoring
- Driver's Driving Behaviour
- AC On/Off
- Support RFID Reader
- Over Speed report
- Geo-fencing
- Playback history 60 days
- Only device to have "REMOTE DEBUGGING" in India



Technical Specification

Chipset	MC60CAR01A01
Motion Sensor	MPU6050 (3 Axis Accelerometer and 3 Axis Gyrometer)
Micro-Controller	MInUMU-9V 5 (LSM6DS33 & LIS3MDL)
Memory	8 MB solid state Flash & memory card option available
GSM Module	Quad Band GSM 850/900/1800/1900Mhz,DCS GPRS: class10
GNSS Module with IRNSS	Quectel L89, Support dual GNSS bands (L1, L5), Support DGPS, SBAS (WAAS/EGNOS/MSAS/GAGAN) Extremely compact size, low power consumption, IRNSS signal reception, multi GNSS system, ROHS compliant Extended operating temperature -40°C to +85°C
Antennas	Internal Antenna Patch Type
Communication Interface	TCP/IP on GPRS
Ports	1-USB Device type B, 2 Analog Input , 4 Digital input, 2 Digital output(Open Drain) 1 Serial Port
Speed Sensor	GNSS (default)
SIM Interface	Embedded SIM with dual-operator
GPRS Packet Data	Class 10 ; Class 8 (Optional)
LED Indication	Power, GSM, GPS
Connectors	18 Pin power, Panic, audio, RS232, Analog connector
Power Supply	Wide DC input voltage range (9V - 60V)
Internal Battery	800mAh, 12 to 14 Hours backup
Enclosure	ABS plastic casing with IP66 rating
Temperature	Operating: -25°C to +80°C
Weight & Dimension	170gm & 120 x 70 x 22
FOTA	Firmware upgrade over the air available

