

# Watsoo Express Pvt. Ltd. Presents "Future of Automotive Tracking"

**AIS-140** with IRNSS Approved by

**ARAI**  
Progress through Research

**ICAT**  
Innovation • Service • Excellence

**AIS-140**  
Certified  
Device



Certified:



ISO:9001:2015



CMMI DEV / 3

## 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 S (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 89,Support dual GNSS bands (LI, LS),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) 1Serial 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 +55°C
Weight & Dimension	170gm & 120 x 70 x 22
FOTA	Firmware upgrade over the air available



Driven by Customer Experience



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



SCAN ME

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