



## FOR ADVANCED VEHICLE TRACKING, MANAGEMENT & SAFETY

# eTrans AIS004 GPS Tracker

Certified by the Automotive Research Association of India (ARAI), the **AIS004 GPS Tracker** is a robust and reliable solution designed for advanced vehicle tracking, management, and safety. With an IP67-grade enclosure and firmware supporting the ORSAC protocol, the AIS004 offers exceptional durability and functionality to meet stringent automotive standards.

### Key Features and Benefits >>>

- ▶ **ARAI Certification:** Ensures compliance with high-quality standards and government regulations, providing reliability and peace of mind.
- ▶ **Real-Time Tracking:** Utilizes GPS and GLONASS for precise real-time tracking of vehicle location and movement with high accuracy.
- ▶ **ORSAC Protocol Support:** Offers seamless integration with state-of-the-art tracking protocols.
- ▶ **Multi-Server Communication:** Capable of sending data to up to three servers simultaneously, enhancing operational flexibility and data redundancy.
- ▶ **Panic & SOS Button Integration:** Facilitates passenger safety by sending distress signals to a central monitoring system for prompt assistance.
- ▶ **Alerts & Notifications:** Delivers alerts on over-speeding, route deviations, geo-fencing, and unauthorized usage, aiding in compliance and operational efficiency.
- ▶ **Extensive Data Logging:** Stores up to 8 hours data points, offering comprehensive travel history and aiding in analytics such as route optimization and driving behavior analysis.
- ▶ **Rugged and Durable Design:** Built with an IP67-grade enclosure, ensuring resistance to dust and water for reliable performance in various conditions.
- ▶ **Enhanced Fleet Management:** Provides detailed reports and analytics, enabling fleet operators to optimize efficiency and reduce operational costs.



## Applications



### Emergency Services

Ensures quick response times and efficient navigation for ambulances and other emergency vehicles.



### Public Transport

Enhances passenger safety, monitors routes, and improves service efficiency for buses and taxis.



### Logistics & Freight

Enables route optimization, timely deliveries, and reduced operational costs for logistics companies.

## Technical Specifications

Parameter	Description
Microcontroller	32-bit Cortex A5
Chipset	GSM Chipset: UNISOC 8910DM
	GNSS Chipset: UNISOC 8910DM
Memory	512K Flash, Minimum 100K Erase and Program Cycles
GSM Module	GSM 900/1800 MHz, GPRS: Multi-slot Class 12
GNSS Module	GPS, GLONASS
Communication Interface	Supports TCP, FTP & HTTP
Record Storage	8 hours backup for 1 minute data frequency
Ports	4 Digital Inputs, 2 Analog Inputs, 2 Digital Outputs, SOS Interface, RS232(Optional)
SIM Interface	Supports ESIM and Plastic Micro SIM
Power Supply	DC Input Voltage: 9-60V
Battery	800 mAh, 8 Hours Backup
Enclosure	ABS 700, IP67 Compliant
Operating Temperature	-35°C to +75°C
Storage Temperature	-40°C to +90°C
Dimension	102 x 100 x 36 mm
Weight	250g Approx.
FOTA	Firmware Update Over the Air
Geo Fencing	Circular and Polygonal Geo-Fencing

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