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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