



Gps Innova

Positioning control system

GPSInnova is a professional device for geographic real time monitoring of moving targets.

It is an integrated tracking system that includes numerous tools for:

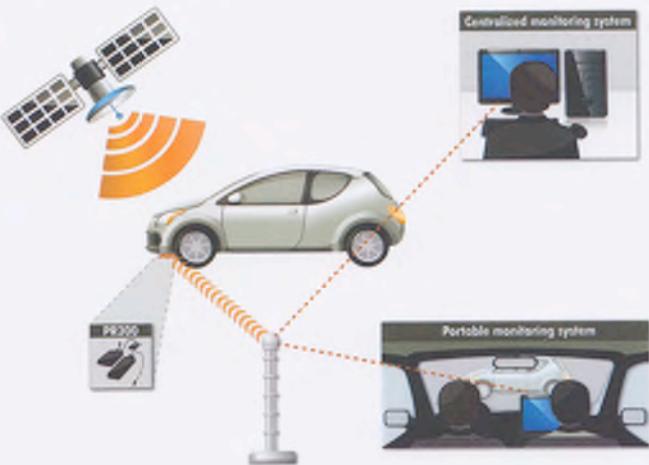
- real time targets monitoring
- data display, research and analysis
- data storage and display on any kind of devices.

GPSInnova, a complete tracking system developed by R&D Innova Laboratories, consists of a miniature satellite tracking device and a monitoring system with integrated hands-on software for device set up and programming, tracking visualization, data analysis (geographical, temporal and textual).

Targets can be monitored both from a centralized or a portable monitoring system.

The small size of the device and the enclosed magnet

enables an easy and immediate installation on the targeted vehicle, while the battery package avoids frequent replacements.



HIGHLIGHTS

Real time monitoring

GPSInnova can track target movements in real time, through the direct connection to the GPS device. The "pac-man" tool enables operators to visualize their position together with target's ones. It is possible to monitor up to 5 target at the same time, on the same map.

Reliability

GPS device has been planned for complete reliability, even in extreme weather conditions. It is equipped with a huge internal memory which stores all information, even in case of network failure, and sends them back to the monitoring system when the signal is available again.

Precision

GPS antenna has been developed for extreme tracing precision, even in presence of weak satellite signal. Regularly upgraded maps are provided in order to visualize positions with rigorous accuracy.

Internal battery

Gps device is developed for low power consuming and high performance battery. GPS battery has about two months working efficiency in standard use conditions.

Advanced Battery management

In-house developed algorithms are employed to verify in real time GPS battery power consuming and residual operating time.

TECHNICAL SHEET

PR300

GPS device easy to install, developed for extreme long duration, reliability and precision, even in case of weak satellite signal.

Electrical supply

input voltage between 6 and 32 Volt, to favour the connection to various sources

Battery

Li-Ion with more than 13Ah capacity, 14,4 Volt (available in several versions)

Power consumption

from 0,02 Wh to 0,4 Wh

Network

GSM/GPRS connection

Memory

more than 130.000 positions

GPS

siRF IV

Chassis

hermetic, waterproof with tearing-proof wires



vehicle tracking