

Fleet Management System

Cesar C15 is designed to implement the functionality of protection and monitoring of trucks with the ability to collect and transmit data received from CAN bus of the vehicle. As an authorization device, a 2.4GHz ID-tag is used. The kit is intended for vehicles with an on-board voltage of 12-24V.



Key Features

- GLONASS/GPS positioning
- On-line vehicle tracking data transmission
- Internal memory ("black box") to store tracking data if GPRS is not available:
22.000 data points equal 30-45 usage days
- SMS as a configurable backup communication channel
(e.g. 4 locations per day when in roaming to save costs)
- Backup power supply
- Proprietary Cesar Satellite protocol
- Integration with Wialon FMS platform
- Mobile app
- Supports 2 CAN protocols: FMS CAN data (J1939) and fuel CAN data (J1708)
 - mileage
 - speed
 - fuel level
 - engine speed
 - engine temperature
 - state of the ignition
 - vehicle status (ignition, doors, hood, brake pedal)
 - ability to extend the data set according to customer requirements

Security Features

- GLONASS / GPS positioning
- GSM positioning
- Arming / disarming with the transponder tag (2,4GHz)
- Panic button, emergency call to SOC
- Alarm transmission in case of security perimeter violation (doors, hood, trunk)
- Alarm transmission if ignition is switched on without authorization
- Alarm transmission if vehicle battery is disconnected
- Tow-away sensor (accelerometer)
- Wired engine cut
- Battery backup power supply
- Service mode



Services

- On-line vehicle tracking
- Advanced fleet management
- Workforce management
- Driver behaviour monitoring
- Vehicle parameters' monitoring (CAN data)
- Extended reporting module
- Fraud prevention
- Emergency response request (via panic button)
- Vehicle recovery in case of theft
- Active anti-theft functions

Fraud Prevention

- Geofence and risky routes control
- Mileage control
- Control of equipment removal (in combination with asset-tracking system)
- Vehicle recovery in case of fraud