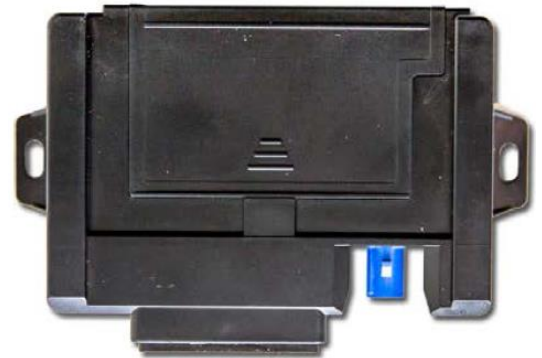


Anti-theft Device

Protect the vehicle from all types of theft equipment / methods as well as provide value-added services to the customer.

In case of alarm the system transmits to the Secure Operations Center (SOC) information about the cause of the alarm, data about the status of the vehicle sensors and its location. In armed mode the system blocks unauthorized engine start.



Key Features

- GLONASS / GPS positioning
- GSM positioning
- Arming / disarming with the transponder tag (2,4 GHz)
- Panic button, emergency call to SOC
- Second authorization button
- Alarm transmission if original vehicle alarm is triggered
- 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
- GSM jamming sensor (anti-jammer)
- Tow-away sensor (accelerometer)
- Wired engine cut
- Wireless engine cut (2,4 GHz)
- Diagnostic electronic port (OBD) protection (to prevent unauthorized recording of the new key)
- Protection from vehicle key elongation device (special firmware algorithm)
- Service mode
- Battery back-up power supply
- Control via mobile app
- Proprietary Cesar Satellite communication protocol
- Thatcham Category 5 compliance



Functionalities

- Over-the-air firmware update / configuration
- Flexible logic – all functions can be switched on / off over-the-air (e.g. second authorization button)
- Transfer of information on the route of movement of the car (incl. internal memory for data storage)
- Data transfer on mileage, fuel level and battery voltage of the car
- Find Me function: horn beep, lights' flashing
- Transmission of data on vehicle service messages' / mistakes

Options

- Control of remote engine start module (Telesoft accessory) or pre-heater (e.g. Webasto)
- Crash detection (with Telesoft external accelerometer)
- Drivestyle analysis for smart insurance (with Telesoft external accelerometer)

Specifications

1. GSM MODEM
Supported ranges of GSM/GPRS 850/900/1800/1900MHz
2. GPS/GLONASS
Antenna: GPS/GLONASS external antenna with 4m cable and FAKRA connector
3. TRANSPONDER TAG
Type: 2.4GHz dialog transmitter.
Security: two-way dynamic code protected from scanning.
4. CENTRAL UNIT POWER SUPPLY
Supply voltage: 9V to 30V DC.
Current consumption:
 - In armed mode - not more than 15mA.
 - In transport mode - not more than 2mA.
5. 2CAN & LIN INTERFACE
Availability of 2 CAN and LIN interfaces
6. PROTECTION
Protection against voltage surges: up to 80V.
Reverse polarity protection (for all power circuits).
7. TEMPERATURE RANGE
Range of working temperatures: from - 40 °C to +85°C.