



MAIN FEATURES

- Smallest size in the market– only 49x34x19 mm
- Low power consumption
- Real time tracking
- Smart algorithm of data acquisition (time, speed, angle, special events)
- Ignition and fuel level monitoring
- Engine running detector (for motor hour calculation)
- Ignition imitation by on-board voltage
- Output for engine cut-off or remote load activation
- Data compression sending via GPRS (TCP and UDP)
- Very low GPRS traffic usage
- Protection against unlimited GPRS sessions
- Sensitive and precise GPS receiver
- Supports GPS and GLONASS
- Large internal FLASH memory – stores up to 8000 km
- Different settings for home and roaming networks
- Simple installation and configuration
- Preconfigured settings – ready for installation
- Fully configurable settings via SMS commands

INTERFACE DESCRIPTION

- 1 digital input for Ignition status monitoring

- 1 universal pin, configurable as digital input/output or analog input (0...30V)
- 2 system's status LEDs
- External GPS antenna
- External GSM antenna

TECHNICAL DETAILS

GSM

- Quad band GSM 850/900/1800/1900 MHz
- GPRS (downlink/uplink) speed 85,6 kbps
- Transmitting power:
 - EGSM 850/900 Class 4 (2W)
 - DCS 1800/1900 Class 1 (1W)

GPS

- GPS engine Ublox
- Number of GPS channels 50
- Tracking sensitivity -162 dBm
- GPS accuracy 2 meters
- GPS Cold start 32 sec
- Supports GPS/GLONASS

ELECTRIC

- Operation voltage DC, 7.....36V
- Internal fuse 2A
- Current consumption (average @ 12V)
 - Idle mode 34mA
 - Data sending mode 100mA
- Digital input voltage 7.....36V
- Analog input voltage 0.....30V
- Digital output load (max) 500mA

OTHER

- SIM card type micro SIM
- Internal FLASH memory 32700 events
- Operating temperature -35.....+65°C
- Enclosure material Plastic (ABS)
- Dimensions 49x34x19 mm
- Length of installation cable 50cm