

SMART

GPS/GLONASS/GSM Terminal



- **Small size**
- **Car tracking**
- Parametrized operation (acquire & send)
- **Integrated scenarios**
 - Overspeeding
 - Authorized driving (50 iButton keys)
 - Immobilizer
- Online tracking
- **Low energy consumption** in deep sleep mode

Application

- Track and trace
- Road assistance
- International logistics
- Personal car's and van tracking
- Fleet management

SMART is light terminal with GPS/GLONASS and GSM connectivity, which is able to get device coordinates and other data and transfer them via GSM network. This device is perfectly suitable for applications where location acquirement of remote objects is needed. So you can track your remote objects (trucks, cars etc) quickly and easily.

In case of losing connection **SMART** can store up to 8000 records, and once the connection is established the device will send stored data via GPRS. So you won't lose your data (coordinates, sensors data and etc.).

SMART can perform tasks on remote objects, such as monitoring engine status, controlling truck's door etc.

Declaration of conformity

LogisCarE **SMART** complies to standards harmonized with the directive 1999/5/EC:

EN 301 489-1 V1.6.1

EN 301 489-7 V1.3.1

EN 60950-1:2006+A11:2009

EN 301 511 V9.0.2

EC TYPE-APPROVAL CERTIFICATE nr.: e26*2009/19*1043*00

TECHNICAL DETAILS



GSM

- Quad-band 900/1800 MHz; 850/1900 MHz
- GPRS class 10 (up to 85,6 kbps);
- SMS (text/data)

GPS/GLONASS

- NMEA protocol compatible. Messages: GGA, GGL, GSA, GSV, RMC, VTG, TXT
- 32 channel GPS/GLONASS receiver
- -161 dBm sensitivity

INTERFACE

- 1 Digital Input Reserved for Ignition Status Monitoring
- 2 Digital Inputs
- 1 Analog Input (10V or 30V range)
- 2 Digital Open-collector Outputs (connecting external relays, LED, buzzers etc.)
- 1-Wire® protocol
- Power supply (+10...+30) V DC
- 2 Status LEDs
- USB Port
- Configuration and firmware upload (FOTA and via USB cable)
- External GSM antenna (SMA connector)
- External GPS/GLONASS antenna (MCX connector)

LogisCarE Ltd. - +420 725 829 770 - info@logiscare.com - VAT: CZ26096030

V Jirchářích 148/4, 110 00 Prague 1, Czech Republic

Company registered with the Commercial Register administrated by the Municipal Court in Prague, Section C, Insert 222851

FEAUTURES

- GPS/GLONASS and I/O data acquisition
- Real Time tracking
- Smart algorithm of data acquisition (time, distance, angle, ignition and event based)
- Sending acquired data via GPRS (TCP/IP and UDP/IP protocols)
- Smart algorithm of GPRS connections (GPRS traffic saving)
- Operating in roaming networks (preferred GSM providers list)
- Events on I/O detection and sending via GPRS or SMS.
- Scheduled 24 coordinates SMS sending
- 5 geofence zones (rectangular or circle)
- Deep Sleep mode (saving vehicle's accumulator)
- FOTA (firmware updating via GPRS)
- Motion sensor
- Small and easy to mount case
- Roaming dependant operation (GPRS traffic saving in roaming zones)
- Operation mode presets:
 - Advanced overspeeding detection
 - Driver identification (1-Wire® iButton ID key)