

UNI

Waterproof GPS/GLONASS/GSM vehicle tracker



- **Waterproof housing (IP67)**
- **Large Flash memory (16MB!)** to store records up to 120 days in case of lost connection or in roaming
- **Remote logs fading** for remote issue solving with manufacturer
- **Configurable device behavior** to customize the data acquire&sending for different application and GSM costs saving
- **Precise online tracking** under time, distance and corner alteration
- **Integrated scenarios:**
 - Overspeeding to secure driver and prevent penalties
 - Authorized driving (50 iButton keys) to prevent stealing
 - Immobilizer
- **Integrated back-up battery**
- **Plug-and-play connection to the car CL (Cigarette Lighter) soccet (optional)**

Application

- Track and trace
- Road assistance
- International logistics
- Boats and jet skis
- Motorcycles and scooters
- Personal car's and van tracking
- Fleet management

UNI is a terminal with GPS/GLONASS and GSM connectivity, which is able to determine the object's coordinates and transfer them via the GSM network. This device is perfectly suitable for applications, which need location acquirement of remote objects. It is important to mention that **UNI** has additional inputs and outputs, which let you control and monitor other devices on remote objects. **UNI** also has a USB port for device status log output and entering configuration.

Declaration of conformity

LogisCarE **UNI** 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, GGA, GGL, GSA, GSV, RMC, VTG protocol compatible
- 50 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)VDC
- 2 Status LEDs
- Configuration and firmware upload (FOTA and via cable)

FEAUTES

- Hermetic enclose IP67
- Internal GSM antenna
- Internal GPS/GLONASS antenna

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

- GPS/GLONASS and I/O data acquisition
- Real Time tracking
- Smart data acquisition (based on time, distance, angle, ignition and events)
- 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 (less power consumption)
- FOTA (firmware updating via GPRS)
- Motion sensor
- Small and easy to mount case
- 3 operational modes (Home, Roaming, Unknow) based on operator
- Operation mode presets:
 - Advanced overspeeding detection
 - Driver identification (1-Wire® iButton ID key)

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