

PRO

GPS/GSM Terminal



- See when **ignition** is ON or OFF
- **Identify drivers** with I-Button
- Monitor fuel consumption
- See when **battery voltage** is falling
- Monitor **temperature** level in refrigerator
- See when doors are open or closed
- Acquire vehicle's **CAN data**
- Two-way **communication** and **stop management** by **GARMIN** Fleet Management Interface (FMI)

Application

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

PRO is a terminal with GPS and GSM connectivity, which is able to get device coordinates 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, ships, etc.) quickly and easily.

It has option of rechargeable battery inside and special controller for power management. Also there is an option of using external backup battery. Thus it can operate for up to 48 hours in Normal (Sending via GPRS) mode with external backup battery. **PRO** can perform tasks on remote objects, such as monitoring temperature, engine status, fuel consumption, controlling truck's door, etc.

In case of losing connection **PRO** can store up to 7500 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, etc.).

The case of the device is robust and easy mountable for installation into harsh environment.

DECLARATION OF CONFORMITY

LogisCarE **PRO** 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

3GPP TS51.01-1 – Rel5EC TYPE-APPROVAL CERTIFICATE nr.: e26*2009/19*1030*00

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

MAIN FEATURES



Track your remote objects (trucks, cars, ships etc) quickly and easily

The device supports the following GSM bearers:

- GPRS class 10 (up to 85,6 kbps)
- SMS (text/data)
- Dual-band GSM - 900 MHz / 1800 MHz
- LOW energy consumption in deep sleep mode (less then 6 mA@12V)
- Option of internal (or external) rechargeable battery with charge controller

PRO has:

- 4 digital inputs
- 4 digital outputs
- 4 analogue inputs (2 ranges 10V and 30 V, 10 bit resolution)

This could be used for performing tasks on remote objects, such as monitoring fuel tank level, engine status, or controlling truck door etc.

- **PRO** has 1-Wire® I/O protocol integrated for temperature measuring or key ID identification.
- **PRO** has CAN interface for FMS interface of trucks, which enables data acquisition from trucks on-board computer.
- **PRO** has RS232 port which could be used for external peripheral data acquire
- Voice function
- 2 LED indicators: "Status" and "Navigate"
- The package includes antenna, Coloured I/O cables and data cables

Firmware for the device enables such functions as:

- GPS and I/O, 1-Wire, CAN data acquisition
- External sensors connection capability
- Real Time tracking
- GARMIN Fleet Management Interface (FMI)
- Smart algorithm of data acquisition (time and distance based)
- Sending acquired data via GPRS (TCP/IP and UDP/IP protocols)
- Smart algorithm of GPRS connections (GPRS traffic saving)
- Flexible configuration of data sending in roaming networks (depend on GSM providers list)
- Events on I/O detection and sending via GPRS or SMS
- Scheduled 24 coordinates SMS sending
- Multi geofence zones (rectangular or circle)
- Sleep mode and deep sleep mode (saving vehicle's accumulators)
- Acceleration detection (harsh breaking and accelerate measuring)
- OTA (firmware updating via GPRS)
- Real time internal processes monitoring
- Authorized numbers list for commanding

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