

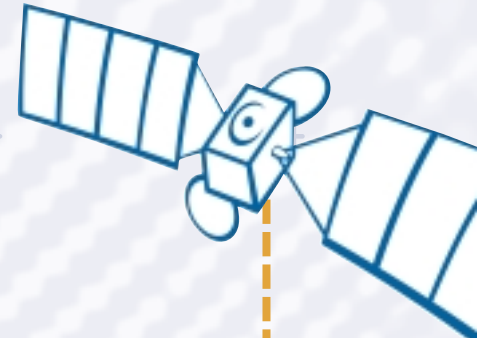
Localizing

Optimization of Fleet Capacity
Fleet Management

Safety

Car Surveillance

Functional Control



www.myOSCAR.de

Your Localizing and Alarm System

+ Anti-Theft-Device

Alerting

Emergency Management



Best Value Communication

via SMS (Short Message Service) reduces your phone costs substantially. Additional installation of accessories enable usage as regular GSM-phone.

Effective Car Localizing

by GPS (Global Positioning System) interacting with GSM (mobile communication using 900/1800 Mhz-networks) protects vehicles and cargo. Get instantaneous car location by OSCAR and support your disposition effectively!

Transparency and ease for your

- ◆ Job-order costing
- ◆ Distance calculation
- ◆ Time estimation
- ◆ Planning and controlling
- ◆ Logbook function

Intelligent Alarm System

for surveillance and alerting.

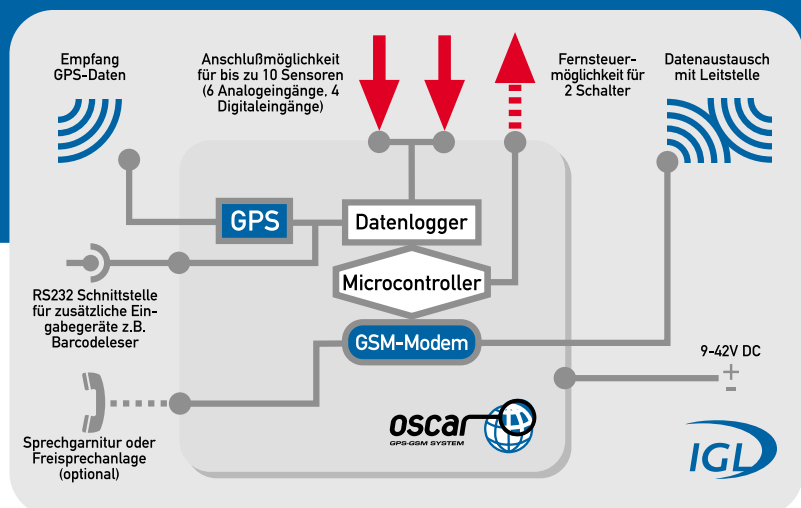
OSCAR is aimed on anti-theft-protection and quality insurance of sensible goods. OSCAR is also prepared for use with special sensor applications as there are

- ◆ Protection of valuables
- ◆ Logging of reefer cargo temperatures
- ◆ Investigation of consumption data
- ◆ Logging of revs and speeds
- ◆ Logging of other important vehicle data like brake pressure or oil temperature

Early alerting of undershooting or overshooting of limits and thresholds allow to initiate countermeasures in time!

Alerting can not only be indicated at your disposition but also at external service centers as optic/acoustic signal.

OSCAR scheme



Precision

Increase of Effectivity

Position evaluation

Control on Utilization

Automated Driver's Logbook

based on newest internet technology is an optional service for all clients using cars for business purposes. If you are self employed or an employee using company cars - the annoying logbook keeping is no matter anymore! OSCAR does it for you automatically. OSCAR recognizes any start and stop and transfers all data to the IGL internet server. Selecting www.myoscar.de with your own browser you will find a complete list including road map based departure and destination names, datum, hour and distance - accessible solely for you. Purpose of trip and declaration if private or on business are to be added easily. Additionally, you can print out the data as a form right away usable in your tax files, because it contains all data required by the tax and revenue office.

Effective Theft-Protection

due to car locatability. On option, a permanent horn signal and/or hazard warning lights can be activated at theft attempt.

Flaw Less Distance Billing

by OSCAR is safe against manipulation at any time. Shorten your terms of payments with your customer and keep in view the intervals between overhaul.

Cost Effective Route Planning

for optimized utilization ratio. Cost out the distances order related or, by installation of a display, send charge orders via SMS to the drivers.

OSCAR remembers

5.000 data records and up to 32 SMS-messages on board. Therefore, all data will be saved and maintained and nothing will be lost in case of missing GSM net service.

Increased Security

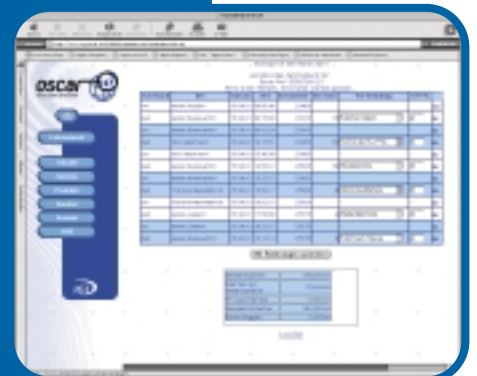
due to emergency calling function. Alarm the police, a call center or any other previously defined phone number just by pressing a button. A speech-to-speech hands-off connection can be initiated as well.

What's GPS?

The Global Positioning System, primarily developed by the American authorities for military purposes, is a satellite based system that sets up the platform for modern positioning and navigation systems. The GPS uses 24 satellites revolving the earth at 6 circular orbits at a distance of 20.000 km and on a 24h period. Due to this configuration, generally, four satellites will be received at any point on earth at minimum. By use of complex mathematical computation the points position can be calculated with high precision. The GPS receiver module the transforms the position data into longitude and latitude degrees, ready to be visualized on a display based road map.



how the OSCAR driver's logbook works



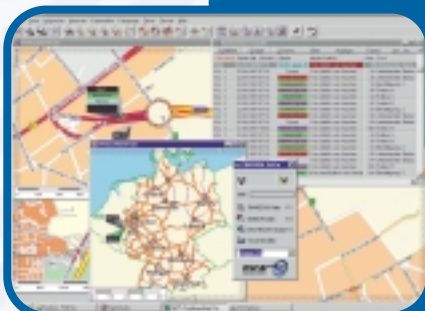
Your OSCAR logbook via the internet



localizing safe guarding

Route planning

Cost Calculation



Safety and localization at a glance



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Technical Data and Options	OSCAR 200	OSCAR 210	
Power supply: 9-36V DC	•	•	Standard equipment
Internal memory for 32 SMS (to send)	•	•	
Current (app.): 80mA@12V, 40mA@24V	•	•	
Modules: GPS and GSM 900 / 1.800 MHz	•	•	
Data logger (up to 5.000 data records)	•	•	
Surveillance of power, ignition signal and mileage signal via power plug	•	•	
6 analog input channels: (Voltage 0-10V, e.g. temperature, pressure)	-	•	Standard 210
4 digital input channels: via switch	-	•	
2 digital output channels	-	•	
Wiring set with 2 relays, 28V, 2A	-	•	Accessories
Emergency switch	-	•	
Driver identification ID	-	•	
Ext. battery lead-acid 12V; 7,2Ah	•	•	
Temperature probe	-	•	
Logbook function	•	•	
Security Box* (Ignition stop of car engines)	-	•	
Connection to mobile data phones (e.g. Nokia 6090)	-	•	
Connection to a CE-PDA for GPS-navigation	-	•	
Door reed switch	-	•	
Dual use flat antenna	•	•	
Wiring set for installation	•	•	
Power wire with car plug	•	•	
Display	-	•	
OSCAR CAL (160 x 260 x 85mm) Package for reefers and cargo boxes, incl. water proofed housing IP66 and power supply for app. 8 weeks and antenna	•	•	
• = Standard equipment ◦ = optional - = not available			
Size: 136 x 60 x 36 mm (incl. assembly strap)			
*Option not usable with every type of car			
Your Distributor:			
www.myOSCAR.de			

operating

measuring alarming