

PRODUCT FOCUS

CarLoc® AT-Fleet evaluates extensive trip data and allows the effective management of vehicle fleets and assets.

This compact solution is designed for quick installation and universal use. Without the need of external antennas the device can be installed in the vehicle interior as well as outdoors.

Thanks to the various numbers of interfaces and standard protocols it can easily be connected to a variety of sensors and subsystems.

CarLoc® AT-Fleet is used for the following applications:

- Automated trip data evaluation of company cars
- Temperature monitoring of reefer transports
- Theft protection including door monitoring for trailers
- Generator set monitoring for heated tank containers
- Evaluation of insurance relevant driving data
- Fuel management
- Theft protection for construction machines.
- etc.



MAIN FEATURES

- Fully operational – connect 2 contacts and go.
- Worldwide operation without additional costs.
- Precise positioning due to high-sensitive GPS receiver.
- Over the air configurable at any time.
- Continuous monitoring even in standby :
 - Shock and movement with 3-axis shock sensor
 - Anti-theft features
 - Geo-fencing of up to 10,000 zones
 - Monitoring of external sensors
- Storage for several months recording.

OPTIONS

- Crash data recording and evaluation including: vectorised acceleration data xyz, coordinates, speed, heading and mileage.
- CAN bus and Eurotacho data
- RF driver identification and remote alarm.
- Backup battery for up to 100 days of operation.
- PT1000 temperature sensors
- Door switches and many more sensors

CARLOC® DATA

CarLoc® AT-Fleet monitors and transmits the following data:

- Position incl. time, speed, altitude, heading
- Status: stop/move, motor on/off, alarm
- Time driving, time still, mileage
- Door open; trailer disconnected etc
- Temperature and data of further sensors
- Reefer status : on/off; battery voltage; fuel etc
- Project specific data

CONFIGURATION

Reports may be requested manually, or sent automatically according to the following criteria:

- At a specific time of day or week
- At pre-set time or distance intervals
- Upon incident or crash detection
- Whenever the vehicle starts or stops moving
- In periodic intervals as soon as the engine is on
- On entering or leaving a geographic zone
- etc.

Technical Data	Communication	Quad-band EGSM 850/900, 2W; 1800/1900,1W Class10 GPRS und SMS
	Localisation	50 channel high sensitivity GPS-receiver
	Geo-Fencing	10'000 geo-zones processed on the mobile device
	Data Memory	30'000 sets of sensor data
	Integrated Sensors	Vibration/movement, 3-axis acceleration, voltage
	Interfaces	3 x digital input 1 x digital/analogue input (configurable)
	Options	2x digital input 3 x analogue input for PT100/1000 temperature sensor 2 x RS232, CAN RS485, Ethernet, WLAN upon request RF interface for remote alarm and authentication
	Power Supply	8 – 36 VDC, 3W peak, (10W with battery), standby < 50 mW abs. max. voltage: 60V for non-repetitive 1 sec. transient
	Battery (Option)	2.7 Ah, low-discharge- and temperature-protected
	Temperature Range	-40°C ... +85°C
	Housing L/W/H: [mm]	100/90/42; IP67
	Weight	350 g



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 Status 06 .2011
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