



Real-time

Tracking

**Safety &
Security**

Prevention

Logistics



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GLOBALIS
TECHNOLOGY AND SOFTWARE DEVELOPMENT

DIGITAL TACHOGRAPH VZ T100

The VZ T100 digital tachograph has been designed using state-of-the-art technology. It records and transmits driving information second by second with outstanding accuracy in terms of position and speed. Using this information, driving patterns and working times can be determined to minimize the number and severity of accidents and to reduce fleet maintenance costs.

The modern GPS processor and the three-dimensional accelerometer enable to analyze paths, changes of direction, and sudden acceleration and braking.

The VZ T100 controls multiple speeds permanently based on the zone where the vehicle is being driven using a wirelessly updatable map loaded into the equipment.



- State-of-the-art technology. The equipment includes two 32-bit microprocessors.
- GSM/GPRS communication for the automatic transfer of information.
- Graphic display with user information, maximum speed allowed in the zone and current speed.
- 4-Gb internal micro SD that stores 2.5 years of second-by-second usage information and special events without the need to erase it.
- 8-Gb optional memory to store over 6 years of information.
- 3D accelerometer that analyzes sudden acceleration and braking permanently.
- Geo-fences that can be configured and rescheduled wirelessly.
- Maximum speeds can be assigned to zones recorded in the equipment.
- Record of traffic violations based on the maximum speed assigned to the area.
- Visual and sound warning of driver's identification.
- Visual and sound warning of high-speed violations.
- Optional digital inputs and outputs to control external devices.
- Backup internal battery.
- Firmware updatable through GPRS.
- No calibration required.
- Online **VIZION**® software.

EQUIPMENT LOGS

Special events recorded by the equipment are saved in the internal memory and transmitted through GSM. The equipment also saves information second by second, including date and time, position, speed, distance traveled, path, etc.

- Speed and kilometers traveled.
- Record of time in every speed range for each configured zone.
- Continuous RPM record (only if the vehicle supports pulse output).
- Logistical report of travel start and end, including driver's identification.
- Report of changes of direction based on current speed.
- Anti-vandalistic report of cabinet opening.
- Reconnection of equipment GPRS.
- Idle and driving times.
- Report of excessive stops.
- Report and record of maximum speed violations.
- Record of sudden acceleration and braking. Report of very sharp braking.