

FM-500 Tacho applications:

- ✓ Track & trace
- ✓ Remote tachograph data download
- ✓ 2 simultaneous CAN-bus data channels support
- ✓ Geofencing and overspeeding
- ✓ Fuel level sensors (analog, frequency and digital)
- ✓ Driver identification
- ✓ RFID connection
- ✓ Temperature/humidity sensors
- ✓ Remote output control and immobilization



FM-500 Tacho specifications

General	
Interfaces	Remote tachograph data download FMS CAN (protocol J1939) Volvo/Renault CAN (protocol J1708, without adapters) OBDII (diagnostic protocol of light vehicles, SAE-1979 w/o adapters) CAN protocols of light vehicles (without adapters) 1-Wire (iButton) RS-232 EIA-485
Inputs	3x digital (frequency, impulse counter, ON/OFF modes) 3x analogue, 11 bit, 0-36V
Outputs	2x digital, (-)
Power supply	8 - 36V Protection from impulses up to 120V Consumption at 12V: active: <50mA, sleep: <8 mA Registration of power cut-off to device event log Internal battery 700 mAh (optional)
Internal memory	4 MB, up to 150.000 entries
Accelerometer	3 axis digital accelerometer
Internal odometer	+
Operational temperature range	from -40 to +85 C°
Dimensions	26x80x55 mm
Weight	Tracker - 64 g, set - 160 g
GSM	Internal antenna
GSM/GPRS class	10 (up to 85,6 kbit), class B
Detection of GSM jamming	+
GPS / GLONASS	External antenna
Sensitivity	-162 dBm
Acquisition	Cold <30 s, hot 1 s, A-GPS support

