Specifications of Baltic Car Equipment tracker series FM-500

Advantages:
- Smart protocol – low transmitted data rates;
- CAN interfaces (FM Blue/FM Blue+);
- Wide and dynamic remote configuration and update options;
- Robust electrical circuit – protection from impulses up to 120V;
- GSM jamming detection, power cut-off registration to the event log;
- TCP and UDP operating simultaneously;

FM-500 Light applications:
- ✓ Track & trace
- ✓ Geofencing and overspeeding
- ✓ Fuel level sensors (analog and frequency)
- ✓ Driver identification
- ✓ Temperature/humidity sensors
- ✓ Remote output control and immobilization

FM-500 Light specifications

General	
Interfaces	1-Wire
Inputs	4x digital (frequency, impulse counter, ON/OFF modes) 2x analogue, 11 bit, 0-36V
Outputs	3x 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 – 62 g, set – 141 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