






FM-500 Tacho






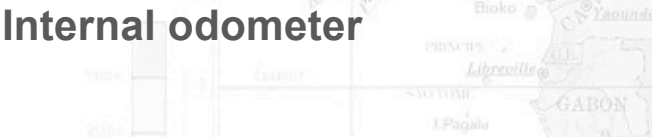

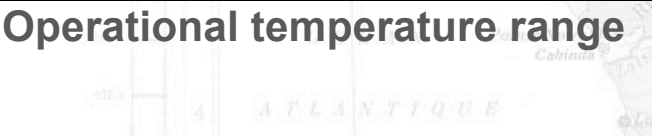




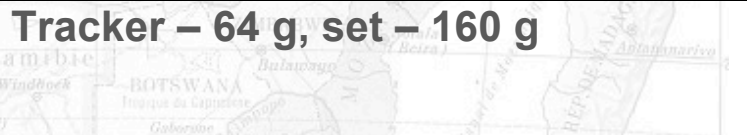

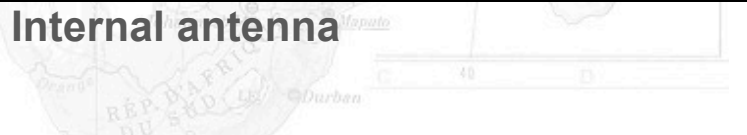


Presentation of the product

FM-500 TACHO is a new generation fleet management device, equipped with a rich pack of interfaces (2 simultaneous CAN-bus interfaces, RS-232, RS-485, 1-Wire, Wiegand-26). Full range of CAN-bus data, remote tachograph data download and a wide variety of available accessories makes this device a powerful tool for satisfying the needs of the most demanding customer in fleet management field.

General specification

<p>Interfaces</p> 	<p>Remote tachograph data download</p> <p>FMS CAN (protocol J1939)</p> <p>Volvo/Renault CAN (protocol J1708, without adapters)</p> <p>OBDII (diagnostic protocol of light vehicles, SAE-1979 w/o adapters)</p> <p>CAN protocols of light vehicles (without adapters)</p> <p>1-Wire (iButton)</p> <p>RS-232</p> <p>EIA-485</p>
<p>Inputs</p> 	<p>3x digital (frequency, impulse counter, ON/OFF modes)</p> <p>3x analogue, 11 bit, 0-36V</p>
<p>Outputs</p> 	<p>2x digital, (-)</p>

<p>Power supply</p> 	<p>8 – 36V</p> <p>Protection from impulses up to 120V</p> <p>Consumption at 12V: active: <50mA, sleep: <8 mA</p> <p>Registration of power cut-off to device event log</p> <p>Internal battery 700 mAh (optional)</p>
<p>Internal memory</p> 	<p>4 MB, up to 150.000 entries</p> 
<p>Accelerometer</p> 	<p>3 axis digital accelerometer</p> 
<p>Internal odometer</p> 	<p>+</p> 
<p>Operational temperature range</p> 	<p>from -40 to +85 C°</p> 
<p>Dimensions</p> 	<p>26x80x55 mm</p> 
<p>Weight</p> 	<p>Tracker – 64 g, set – 160 g</p> 
<p>GSM</p> 	<p>Internal antenna</p> 
<p>GSM/GPRS class</p>	<p>10 (up to 85,6 kbit), class B</p>

Detection of GSM jamming	+
GPS / GLONASS	External antenna
Sensitivity	-162 dBm
Acquisition	Cold <30 s, hot 1 s

