

# Technical specifications (StCAN)

General	
Interfaces	<p>2 CAN lines operating simultaneously:</p> <p>CAN line1: FMS CAN (protocol J1939)</p> <p>CAN line2: additional sensors via J1939 protocol</p> <p>Volvo/Renault CAN (protocol J1708, without adapters)</p> <p>1-Wire</p> <p>RS-232</p> <p>EIA-485</p> <p>Wiegand 26 bit</p>
Inputs	<p>4x digital (frequency, impulse counter, ON/OFF modes)</p> <p>3x analogue, 11 bit, 0-36V</p>
Outputs	2x digital, (-)
Power supply	<p>8 – 31V</p> <p>Protection from impulses up to 150V</p> <p>Consumption at 12V: active: &lt;50mA, sleep: &lt;8 mA</p> <p>Registration of power cut-off to device event log</p> <p>Internal battery 210/700 mAh (optional)</p>
Internal memory	8 B, up to 150.000 entries
Accelerometer	3 axis digital accelerometer
Internal odometer	+
Operational temperature range	from -40 to +85 C°
Dimensions	68x90x19 mm
Weight	Tracker – 64 g, set – 160 g
<b>GSM</b>	<b>Internal antenna</b>
GSM/GPRS class	10 (up to 85,6 kbit), class B
Detection of GSM jamming	+
<b>GPS / GLONASS</b>	<b>Internal antenna</b>
Sensitivity	-162 dBm
Acquisition	Cold <30 s, hot 1 s. A-GPS support