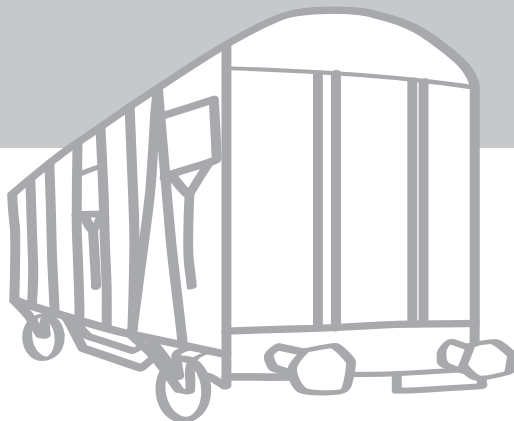


RACAPOUN is a communication unit mounted on a wagon that detects the position using the GPS satellite system and transmits the coordinates to the control center using the GSM network in predefined intervals.

- Robust solution of train localization
- Battery life for up to 5 years of operation



- **INSTALLATION ON ALL TYPES OF RAIL WAGONS**
- **VERY LOW POWER CONSUMPTION FROM BATTERIES**
- **DIFFERENT STATUS WHEN MOVING OR PARKED**
- **COLLECTION OF ROUTE LOG INTO MEMORY**
- **EASY INSTALLATION – RESISTANT TO VANDALISM**
- **HIGH RELIABILITY**
- **4 BINARY INPUTS**



### TECHNICAL PARAMETERS

GSM	900 / 1800 MHz SIM card Plug-in 3V GSM antenna built-in
Communication	SMS Binary SMS GSM Data, GPRS
SMS	Alarm SMS SMS inquiry – up to 4 parameters in one SMS Binary SMS supported Changes in configuration via SMS
GSM data – modem connection	Configuration modification Reading measured values Reading log file from memory Firmware upgrade
GPS	16 channels Highly sensitive Antaris® LH Accuracy 2.5 m CEP Antenna built-in
4 inputs	Input up to 30V Signalization of opened cargo space Alarms
Power input	1 – 3 batteries 9V/ 13Ah Power consumption 0.5 mA in sleep mode Maximum input power 80 mA at 11 V
USB	Configuration and upgrade Internal USB A connector
LOG file memory	EEPROM 256 kB, capacity for 4000 events
Real Time Clock (RTC)	Date and time backed up from battery Time synchronization with GPS
Protection class	IP 55
Dimensions	Diameter 130 mm / Height 325 mm
Weight	4.5 kg
Temperature range	-40°C to +85°C
Temperature range for GSM module	-20°C to +55°C

### QUALITY ASSURANCE

Our products are made under the ISO 9001 Quality Management System and have the CE certificate.

**LEVEL®**

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