

Data sheet

RailLoc



Hardware characteristics

Geolocalization of railway wagon with autonomous power can be done thanks to the RailLoc. The GPS localization can be done with 1 meter precision

- ▶ LTE communication of position with a land server (NB-IOT)
- ▶ No power supply required
- ▶ Small form factor : 200x100 mm
- ▶ Can be mounted under the wagon
 - Exposed antennas (GPS/GSM)
 - Internal Antennas (via a plastic window on the top of the unit)
- ▶ Can be mounted on wagon side
 - Antennas can be attached directly to the unit (not required with internal antennas)

▶ Powering

- Option Internal Batteries (Alkaline)
 - Up to 10 years of services
- Option Solar cell integrated in the box
 - No internal batteries required
 - Position can be sent once every 20 minutes

▶ Internal sensor

- Built 3-axis accelerometer available as option

▶ External sensors, available customizations for external sensors

- Digital Input
- Digital Output
- RS485
- Analog inputs

Please contact directly LVD Systems for any other information needed for this product



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