

TachoPULSE

Secondary speed source
for digital tachographs



TachoPULSE is a speed-based signal-generating device designed for vehicles with tachographs.

It provides a secondary source of motion for tachographs, required as of October 1st, 2012 by European Commission regulation no. 1266/2009.

The device generates frequency impulses and CAN messages proportional with the speed of the vehicle using GPS. Due its double constellation receiver GPS and GLONASS, it is capable of producing quality signals even in heavily populated urban areas.



TOP features

- 1 Keeps you legal
- 2 Can be fitted to several tachographs models
- 3 Compatible with CAN output according to the SAEJ1939 SPN904 Front axle speed message
- 4 Compatible with frequency input model tachographs
- 5 Easy to install
- 6 Wide supply range: 9..30V
- 7 Sensitive GPS/GLONASS receiver
- 8 Fixed k factor of 8000 pulses per km

This system will help you To:

Improve

- Control of your fleet
- Vehicle usage
- Your legal status

Reduce

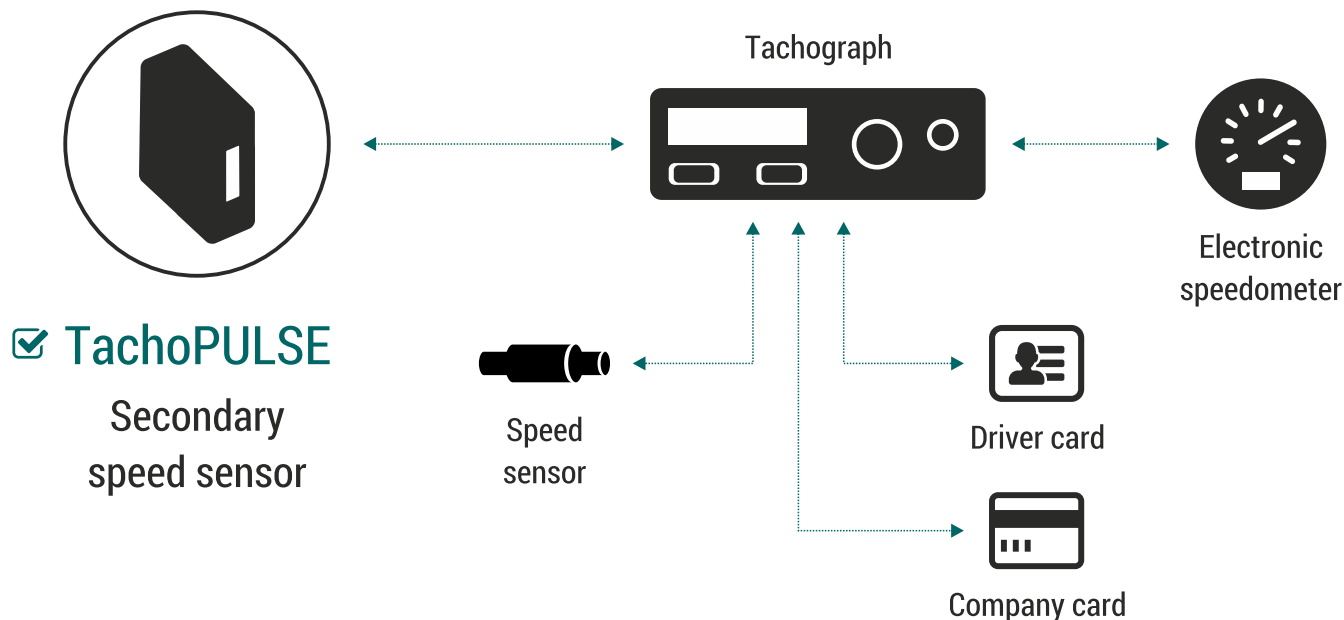
- Uncontrolled distance
- Tachograph frauds
- Uncontrolled driving time



Would you like to avoid annoying questions? Stay legal with us!

According to the new regulations tachographs requires a secondary signal source generator independent from the wheel speed sensor.

The device features a dual constellation receiver, which will deliver a stable signal even in partly covered conditions. By losing the received signal (in tunnel for instance) it will keep its outputs according to the last condition for three minutes.



Our products are CE certified and complies with the following harmonized standards



- Disturbance emission:** Radiated RF emission test: 2004/104/EC ENECE 10/2012
Conducted transient on the DC power line : 2004/104/EC ENECE 10/2012
- Disturbance Susceptibility:** Immunity against RF radiation: 2004/104/EC UNECE 10/2012 (15V/m (20-80MHz), 25V/m (0.08GHz-2GHz) modulation AM and PM
Immunity against conducted transients: 2004/104/EC UNECE 10/2012, level III, pulse 1, 2a, 3a, 3b criteria D