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DSRC Remote Tachograph Monitoring

Regulation (EU) No 165/2014 determines that the tachograph shall be equipped with a remote communication functionality that shall enable agents of the competent control authorities to read tachograph information from passing vehicles by using remote interrogation equipment (the Remote early detection communication reader REDCR), specifically, interrogation equipment connecting wirelessly using CEN 5.8 GHz Dedicated Short Range Communication (DSRC) interfaces. This functionality is intended to serve only as a pre-filter to select vehicles for a more thorough inspection.

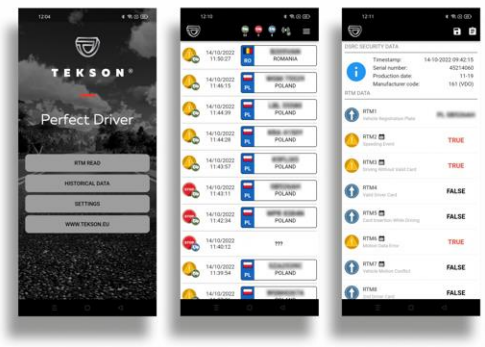
Data between the DSRC transceiver and inspector's workstation is transmitted in an encoded manner. The end user or the respective inspector can access the data via second generation control card.

DSRC RTM RP Light

Remote tachograph monitoring system based on Android App Perfect Driver in connection with VDO antenna. System dedicated to read out RTM data from vehicles in motion with standard speed. Antenna is mounted on the inspection vehicle or on a tripod.

Communication between VDO transceiver and Perfect Driver via Bluetooth.

Automatic analysis of RTM data and DSRC RTM report in .pdf format available.



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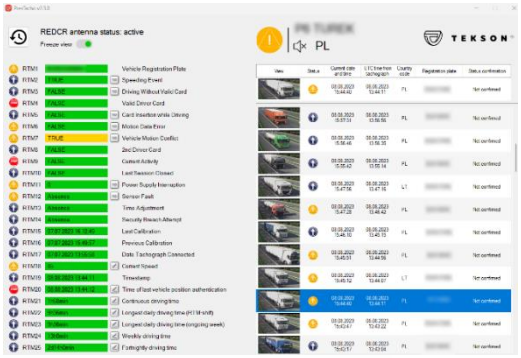
DSRC RTM RP

System based on PresTacho Windows software and Android App Perfect Driver, dedicated to read out RTM data from vehicles in motion with standard speed. Transceiver is mounted on the inspection vehicle or on a tripod.

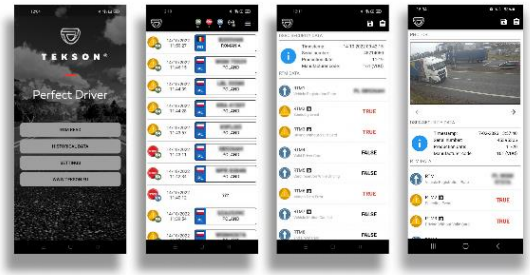
With the possibility of connecting a camera to visualize the read vehicles.

System connection via Wi-Fi or cable. Remote access possible via GSM connection (OpenVPN Connect) – SIM card needed.



Automatic analysis of RTM data and DSRC RTM report in .pdf format available for both applications.

History of last 3 hours DSRC data and simultaneous access for several users available.



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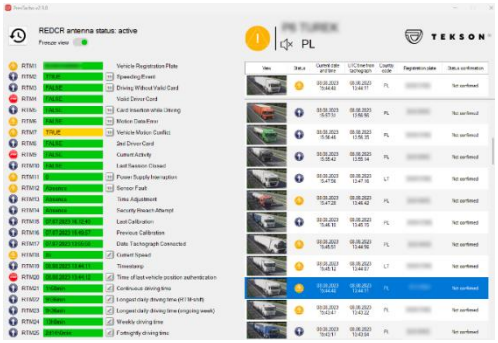
DSRC RTM HS & Visual

System based on PresTacho Windows software and Android App Perfect Driver, designed for various control scenarios with a vehicle speed up to 200 km/h:

- Roadside inspection (tripod)
- Dynamic inspection (authorities' vehicle)
- Permanent inspection (e.g. on road gantry).

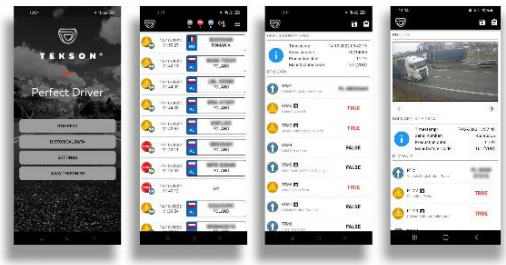
System connection via Wi-Fi or cable. Remote access possible via GSM connection (OpenVPN Connect) – SIM card needed.

Antenna can be mounted on or inside (e.g. car window) an inspection vehicle, on a tripod or on road gantries for permanent stationary inspections. Depending on needs and chosen control scenario system may use up to two cameras for passing vehicle visualization – vehicle front and vehicle side.



Automatic analysis of RTM data and DSRC RTM report in .pdf format available for both applications.

History of last 3 hours DSRC data and simultaneous access for several users available.



The available system kits contain all the necessary suction and magnetic mounts for the vehicle installation, a tripod and control card readers. Warranty 12 months with the possibility of extension.

For more information, please follow the link below:
https://www.tekson.eu/DSRC-remote-tachograph-monitoring-systems
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