TEKSON®

REMOTE TACHOGRAPH MONITORING SYSTEMS FOR CONTROL AUTHORITIES

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 connecting wirelessly using CEN 5.8 GHz Dedicated Short Range Communication (DSRC) interfaces.

TEKSON use the most universal solutions, including Q-free RSE651 DSRC transceiver. Our devices and applications are designed for various control scenarios even for vehicle speed exceeding 200 km/h:

- roadside inspection (tripod)
- dynamic inspection (authorities' vehicle)
- stationary inspection (e.g. on road gantry).

Example of transceiver instalation inside a vehicle

One of the offering is TEKSON DSRC RTM Visual set:

- Cable/Wi-Fi/GSM connection
- Remote access possible
- Photos of passing vehicles from up to 2 cameras possible
- Application PresTacho for Windows and Perfect Driver for Android mobile devices
- Data between DSRC transceiver and inspector's workstation transmitted in an encrypted manner
- Transceiver can be mounted on or inside (e.g. car window) an inspection vehicle, on a tripod or on road gantries for permanent stationary inspections
- History of last 3 hours RTM data
- Simultaneous access for several users available
- RTM parameter filtering and analysis options
- PDF report from read vehicles
- Ability to integrate or create your own software (REST API).

Q-free RSE651
DSRC transceiver

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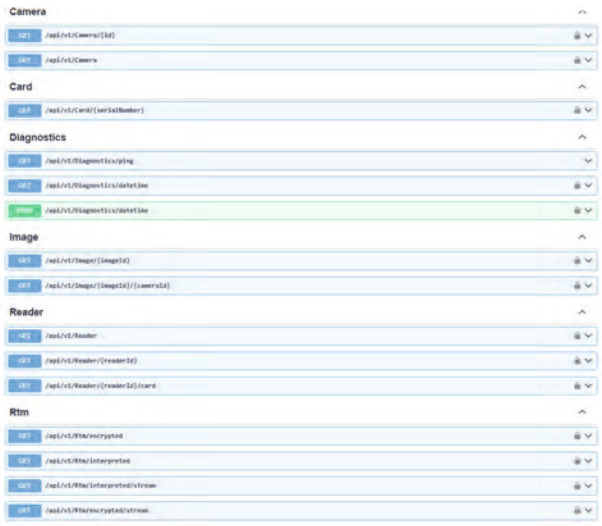
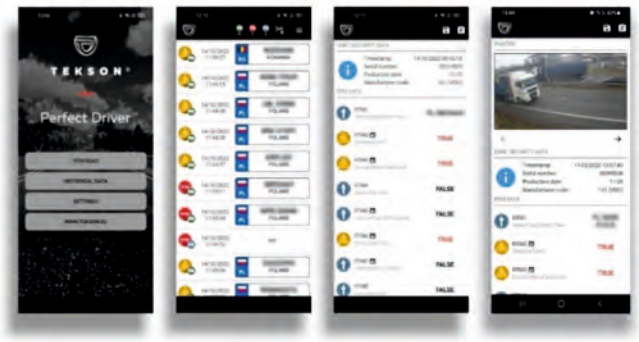
It is possible to integrate TEKSON DSRC RTM with external systems by providing the REST API interface. Each set has the ability to enable such a service, with which you can download data from the system in the form of a data package that is coming directly from the tachograph (encoded) or decoded by the means of our system using the SCR DSRC reader while a 2nd generation control card is inserted. It is also possible to download photos of passing vehicles which are read by the system.



REST API INTERFACE

Photo from PresTacho / Perfect Driver camera

PresTacho App



Perfect Driver App

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