



dynamic weigh
in motion

NeuroCar WIM - a system for the detection and identification of oversized vehicles.

The NeuroCar WIM has had a direct impact on the protection of road infrastructure by registering overloaded and oversized vehicles.

System construction:

- scales sensors, induction loops
- overview camera, measurement camera
- laser scanner
- control unit (integration and transmission of data).

ADVANTAGES OF THE SYSTEM:

- comprehensive identification of the vehicle:
 - ANPR (Automatic Number Plate Recognition)
 - MMR (vehicle's Make and Model Recognition)
 - WIM (Weigh-in-Motion and preselection of overloaded vehicles - indication of the pressure distribution on the axles)
- recognition of dangerous goods plates (ADR)
- integration with Variable Message Boards (VMS)
- real-time recognition and signal transmission

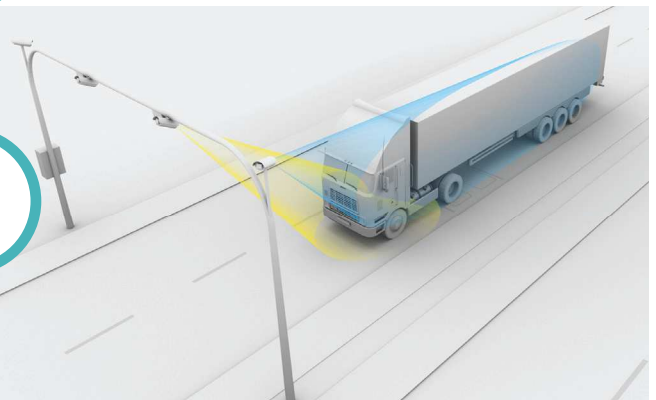


1

weighing and classification of the vehicle by implementing quartz sensors and induction loops

vehicle detection, complete identification with the Automatic Number Plate Recognition (ANPR) and the Make and Model Recognition (MMR)

2



3

measurement of a vehicle passing through the laser curtain

