



red light enforcement

NeuroCar Red Light is a stationary registering device that automatically reveals violations of traffic rules committed by drivers not complying with traffic lights.

The system using artificial neural networks does not require any interference in the road surface or traffic light controller.

NeuroCar Red Light is used to improve road safety at intersections with traffic lights. For each offense there is automatically created electronic ID, which includes:

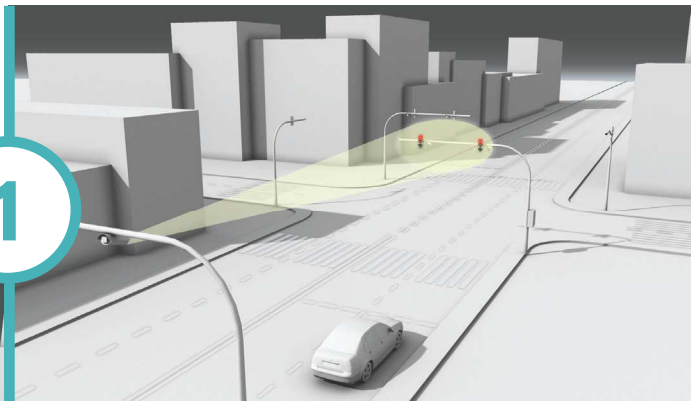
- sequence of vehicle images (video recording)
- registration number of the vehicle (with the image of the plate)
- type, make, model and color of the vehicle
- the exact date, time, and the designation of the infringement.

ADVANTAGES OF THE SYSTEM:

- easy installation - does not require integration with the controller signal
- precise identification of the vehicle through the use of ANPR/MMR (Automatic Number Plate Recognition/Make and Model Recognition) technology
- statistics of vehicles' flow
- documentary evidence (films and images)

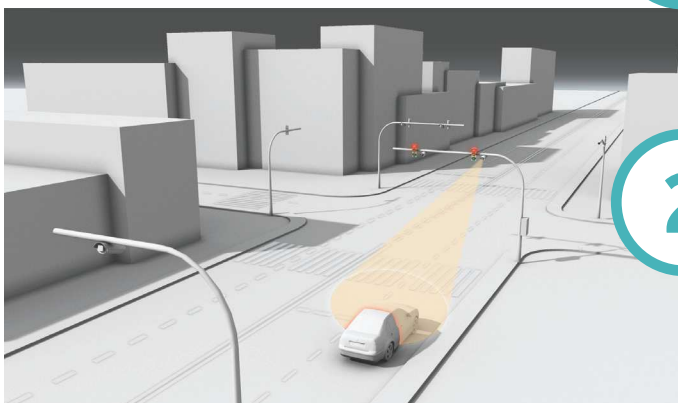
overview camera detects the signal light

1



2

measurement camera detects a vehicle on the stop and identifies it (ANPR, MMR)



overview camera registers the entire event by monitoring the vehicle in the frame (car tracking)

3

