

ROADCON

Multifunctional camera system for traffic data acquisition and evaluation.



- average speed measurement
- red crossing detection
- violation of traffic ban detection
- traffic survey
- searches stolen cars

RoadCon system is based on videodetection principle. Searches for passing vehicles and reads it's license plate using HD cameras. Vehicle passing in monitored zone (speed limit, entrance, passage bans) is detected, and it's photo and details of location, time and license plate are archived in database. Processed database record is sent automaticly or on call to the dispatching site or mobile police working place for evaluation.



HDTV camera



Image of a detected vehicle



Online mobile workplace

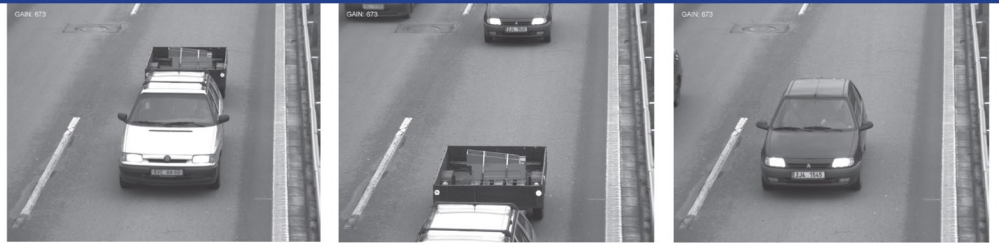


Dispatcher's workplace

Images of detected vehicles are encrypted because of security, and are archived as long as the traffic violation is being solved.

Roadcons enables image transfer in real time on service request. The reading speed depends on transmission speed of GSM in certain area.

Traffic violations are solved imidiety in case of mobile workstation or pda usage (online) or on the dispetchary workplace in violation proceedings (offline).



System output is database type :

- speeding vehicles
- red crossing vehicles
- vehicles in banned zone
- stolen vehicles
- statistical traffic survey

System components

- HD cameras
- evaluation unit
- GSM communication unit
- infrared lamps for night vision

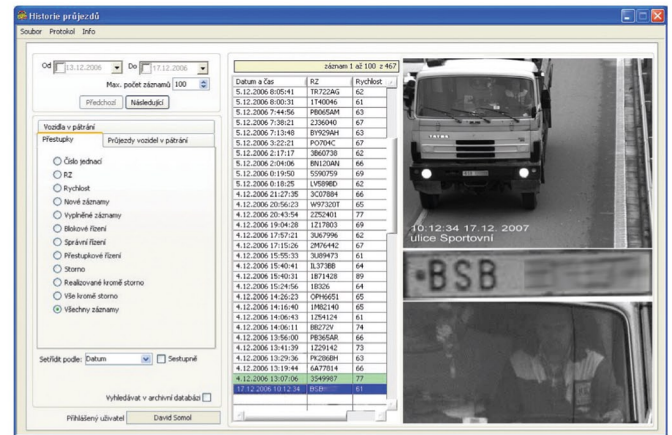
Custom accesories

- sw client for dispatching site
- notebook or PDA for mobile workplaces

Technical parameters of evaluation unit

- size 500* 500* 300 mm
- power suply 230 V
- electric input 150 VA
- temperature limit -20 to 50 °C
- GSM, WiFi communication modul

RoadCon system is easy to install without the need of connecting to other systems or external detectors.



Client software - violation resolution



Violation resolution protokol

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