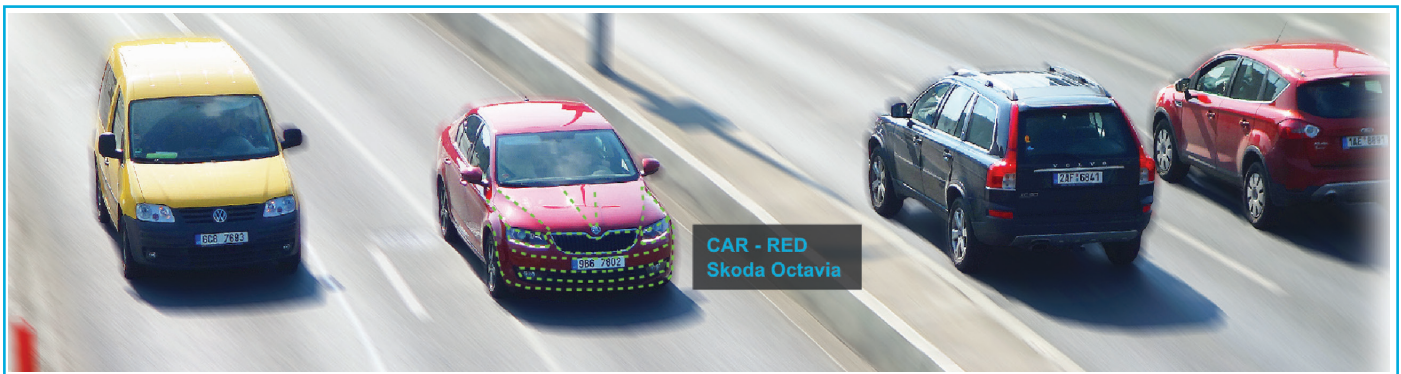


## VEHICLE MAKE AND MODEL RECOGNITION



Software analyzes vehicle appearance and recognizes vehicle category, make, model and color. The analysis is independent of number plate reading.

## HIGHLIGHTS

- Recognizes 6 vehicle categories: Bus, Car, Heavy Truck, Light Truck, Van, MTB
- Recognizes over 100 vehicle makes: Toyota, Volkswagen, Renault, etc.
- Recognizes over 700 vehicle models: Avensis, Passat, Mégane, etc.
- Category classification accuracy is higher than 98%
- Make and model classification accuracy is higher than 95%
- Works even with low resolution images from 20 pixels per meter
- Execution speed is less than 40 milliseconds per vehicle

## APPLICATIONS

- Surveillance and investigation
- Security threat monitoring
- Traffic data collection
- Law enforcement
- Toll systems

Vehicle classification engine developed by Eyedea Recognition powers CAMEA, TATTILE and other solutions installed in many locations around the world.

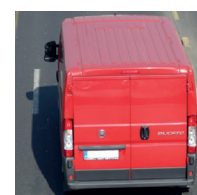
This research was supported by Technology Agency of the Czech Republic, Project TE01020415.



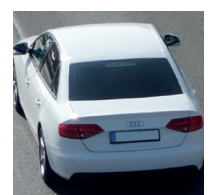
Category: Car  
Make: Mercedes  
Model: ML  
Color: Black



Category: Bus  
Make: Volvo  
Model: Irizar PB  
Color: Yellow



Category: Van  
Make: Fiat



Category: Car  
Make: Audi

T A  
Č R



