VEHICLE CLASSIFICATION

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.

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