CARMEN® OCR
for Commercial Vehicle Code Recognition

General information

Purpose	Automatic recognition of US DOT codes of commercial motor vehicles and CHASSIS numbers of trailers - a USDOT/CHASSIS number recognition software for various traffic and security systems to automatically identify and verify commercial vehicles
Supported Operating Systems	Windows (64 bit) Linux (32/64 bit)
Supported Platforms	x86_64 | ARM32 | ARM64
Minimum System Requirements	2 GHz CPU | 1 GB RAM | 1 GB HDD | free slot for NNC
Licensing	One year from purchase included, optional subscription available on yearly basis
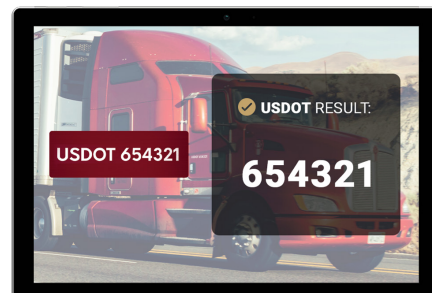
Interface

Input	Still image from file or memory in various image formats (BMP | PNG | JPEG | RAW)
Output	DOT/CHASSIS Data USDOT/CHASSIS number in ASCII text Position of the USDOT/CHASSIS number Confidence level in percentage Confidence level for each character
Trigger	Can be integrated with any trigger device (recommended when recognizing from live video stream)
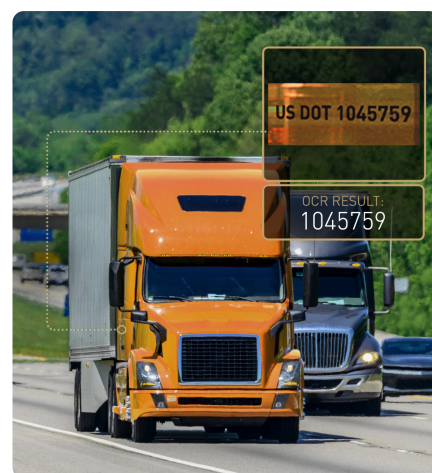
Development tools for easy integration

Supported programming languages under Windows	C/C++, C# Visual Basic .NET Java
Supported programming languages under Linux	C/C++, Java
In The Box	Development libraries: .dll, .so files Demo application, sample codes for each programming language Neural network controller Comprehensive digital documentation

Special cameras are available for recognitions rates.

Technical specifications are subject to change without prior notice. This document does not constitute an offer.

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