CARMEN® ANPR Software

General information

Supported Operating Systems	Windows (64 bit) | Linux (32/64 bit)
Supported Platforms	Windows: x86_64 Linux: x86_64*, ARM64*, ARM32
Minimum System Requirements	2 GHz CPU* | 1 GB RAM | 1 GB HDD | free slot for NNC
Update	One year from purchase included, optional subscription available on yearly basis

Interface

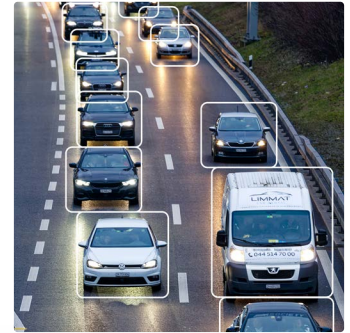|	
Input	Still image from file or memory in various image formats (BMP | JPEG | PNG)
Output	ANPR data Number plate DATA in ASCII/UNICODE text Confidence level in various formats Text confidence for each character Individual result for each plate on an image Location of each plate on one image Country/State/Province ID Background color (not in all region) Character color (not in all region) Category of the plate (not in all region)
Trigger	Can be integrated with any trigger
Make & model recognition	Yes (optional) Recognized categories: Bus, Car, Caravan, Heavy truck, Light truck, Motorbike, Pick-up, Trailer, Truck, Van Recognized vehicle makes: over 240, from all over the world Recognized vehicle models: over 1700 models, constantly growing Recognized colors: black, blue, bronze, brown, burgundy, cream, gold, gray, green, lime, orange, pink, purple, red, silver, turquoise, white, yellow ViewPoint: front, rear, front_side (optional), rear_side (optional), top (optional), top_side (optional), side (optional) BodyType (optional): Sedan, SUV, Hatchback, Combi/Wagon, MPV, Coupe, Convertible, Liftback

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

Available Versions

	FreeFlow	K version
Capacity (images/day)	unlimited**	11520
Processing threads	1 / 2 / 4 parallel threads	4 parallel threads
Credit buffer	unlimited	300
Time for 4 new credits (sec)	–	30

Special ANPR/LPR cameras are available for recognitions rates.

* in case of running MMR, CPU must support AVX.
** Depends on CPU speed, settings, engine type
Technical specifications are subject to change without prior notice. This document does not constitute an offer.

For projects with unique requirements, our software options can be expanded and customized (eg. adding seatbelt or mobile phone detection, optical speed estimation, etc.) Additionally, hardware specifications can be adjusted to meet the specific needs of your project. Please contact our sales team to discuss tailored solutions.

PLATE TEXT • 7667 HSH
COUNTRY • SPANISH
LANE • 1
TIME • Sept 13. 2024 09:10.49 PM

PORSCHE

MAKE & MODEL • PORSCHE, 911
COLOR • RED
CATEGORY • CAR
VIEWPOINT • FRONT

www.adaptiverecognition.com