CARMEN® GO – ANPR Software

General information

Available versions	SINGLE / DUAL / QUAD / OCTA
Supported Operating Systems	Windows 10
Supported Platforms	x86_64
Suggested CPU cores	2 / 4 / 6 / 8
Minimum System Requirements	Intel Core i5 3 GHz CPU*	8 GB RAM	300 GB HDD	free slot for NNC
NNC required; available NNC types	USB 2.0 dongle - type A USB 2.0 internal 4 pin PCIe card (X1) Mini-PCIe card
Available tools	Windows installer (MSI)
Engine update availability	One year from purchase included, optional subscription available on yearly basis
Capacity (images/day)	unlimited
Processing threads	1 / 2 / 4 / 8 parallel threads on different cores

Interface

Input	Camera stream protocols: HTTP, HTTPS and RTSP Camera stream and Recorded video formats: MKV (H.264); MP4 (H.264); ASF (MPEG4); AVI (H.264); MJPEG
Output Formats	Direct FTP upload Local csv log file Data stream (available through SDK) Internal database on web interface (available through JSON Rest API)
Output Data	ANPR Data Country / State Time stamp Image Position of the plate Make & Model, vehicle category and color data (optional) Background color (for selected regions) Character color (for selected regions) Category of the plate (for selected regions)
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

* in case of running MMR, CPU must support AVX. Intel Xeon CPUs are not recommended.
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, customized output format, etc.) Additionally, hardware specifications can be adjusted to meet the specific needs of your project. Please contact our sales team to discuss tailored solutions. We are happy to help.