

CARMEN® FreeFlow

Exceptionally versatile ANPR software



What benefits does the CARMEN® ANPR engine provide you with?

1. High accuracy and speed

CARMEN® was developed for exceptionally high rate of number plate reading (95%+). The image processing of Carmen® ANPR software library is remarkably fast.

2. Build your own ANPR system

CARMEN® was designed for system integrator companies who want to build their own ANPR system and they need an accurate and flexible software tool for recognizing license plates. OEM versions are available as well.

3. Country independent OCR technology

CARMEN® recognizes any license plates containing Arabic, Latin, Chinese, Korean characters. Carmen provides plate color and country ID. Special personalized license plate reading: vanity plates, prestige plates or private custom number plates.

4. Hardware independent technology

CARMEN® runs on various kind of computer systems (desktop, embedded, etc). It can be linked to any type of camera equipment (even third party camera). Our dedicated ANPR cameras are recommended for image capturing.

CARMEN® FreeFlow ANPR software

CARMEN® ANPR is an innovative technology for toll collection, traffic surveillance, traffic management and many other projects where accuracy, speed and automation are essential objectives.

The CARMEN® technology is specially designed and developed to be easily integrated into complex intelligent traffic applications. Due to its outstanding technology, its high accuracy rate, the speed of image processing and its adaptability, CARMEN® FreeFlow is among the best of its class.

The software can execute continuous license plate reading even at vehicle speeds of up to 250km/h.

This feature is especially important in convicting speed limit violators or for use in automatic toll collection projects, just to mention a few.

Typical application environments:

- Highway toll collection
- Speed enforcement
- Vehicle theft prevention/detection
- Traffic monitoring
- Bus lane or red light enforcement
- Building a traffic movement database
- Automation of airport and harbour logistics
- Prevention of non-payment at gas stations, drive-in restaurants, etc.