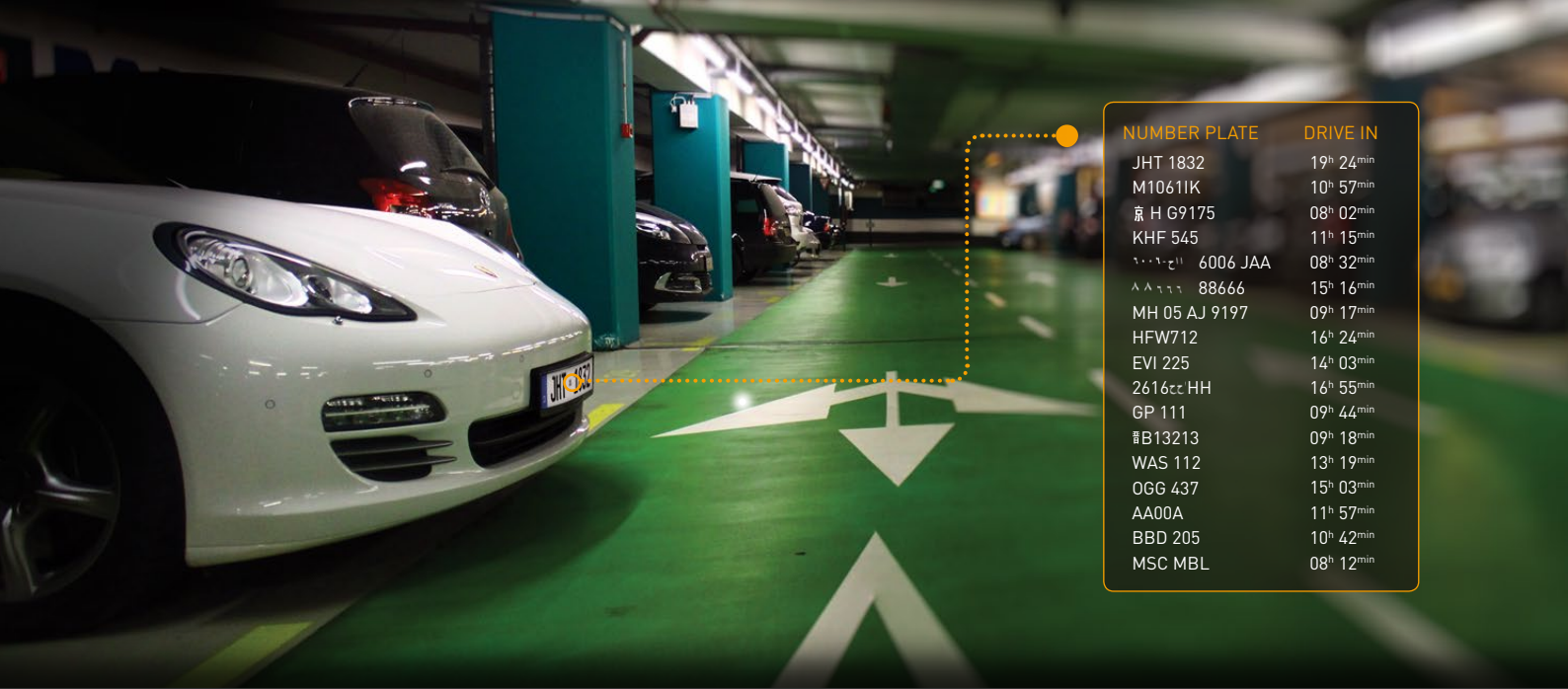


CARMEN® Parking Digital Software

NUMBER PLATE RECOGNITION SOFTWARE LIBRARY & SDK



NUMBER PLATE	DRIVE IN
JHT 1832	19 ^h 24 ^{min}
M1061IK	10 ^h 57 ^{min}
京 H G9175	08 ^h 02 ^{min}
KHF 545	11 ^h 15 ^{min}
٦٠٠٦ جآ	08 ^h 32 ^{min}
٨٨٦٦٦ 88666	15 ^h 16 ^{min}
MH 05 AJ 9197	09 ^h 17 ^{min}
HFW712	16 ^h 24 ^{min}
EVI 225	14 ^h 03 ^{min}
2616٦٦ HH	16 ^h 55 ^{min}
GP 111	09 ^h 44 ^{min}
番B13213	09 ^h 18 ^{min}
WAS 112	13 ^h 19 ^{min}
OGG 437	15 ^h 03 ^{min}
AA00A	11 ^h 57 ^{min}
BBD 205	10 ^h 42 ^{min}
MSC MBL	08 ^h 12 ^{min}

THE ULTIMATE RECOGNITION ENGINE FOR ACCESS CONTROL AND PARKING APPLICATIONS

The CARMEN® Parking Digital is a cost-effective version of the CARMEN® Recognition Software family. CARMEN® Parking Digital is engineered to automatically read and decipher the number plate numbers of stopped or extremely slow traveling vehicles. Number plates are the most accepted and natural means of identification of motor vehicles globally.

The ability to automatically recognize number plates with fast and exact accuracy provides digital (IP based) parking and access control systems with effortless security monitoring, parking management, fast data entry and record keeping, and much more. CARMEN® Parking Digital reads the number plates from digital image sources with unparalleled accuracy and speed. It yields country-independent recognition as well as recognition of number plates written not only in Latin characters but also in Arabic, Cyrillic, Chinese, Korean, Thai and many more.

KEY FEATURES

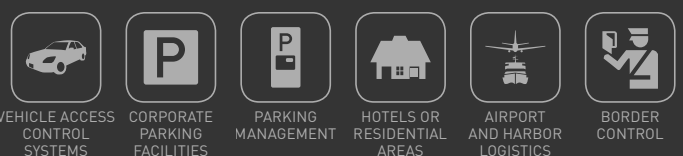
- Automatic reading of any image input source or IP camera images of number plates of vehicles in slowed or stopped traffic
- Fast, easy and straightforward use
- Hardware independence: compatible with any image source (analog / digital / still images / MJPEG video streams)
- Country, state or province and plate type recognition

MAIN BENEFITS

- Saving time and energy in data entry, automating number plate reading
- Decreasing data entry errors with high accuracy and recognition rates
- Eliminating the need for access control system users to have access cards or codes; centralizing registration
- Increasing security and safety of access control areas

Special ANPR/LPR cameras are available for higher quality images and recognitions rates.

CARMEN®



SPECIFICATIONS

CARMEN® Parking Digital Software

GENERAL INFORMATION

Purpose	Automatic recognition of vehicle number plates – a number plate recognition software for parking, access control and similar low-speed applications, where cars are slowed down or stopped by barriers
Supported operating systems	Windows (32/64 bit) Linux (32/64 bit)
Supported Platforms	x86_32 x86_64
System requirements	1 GHz CPU 512 MB RAM 1 GB HDD free port/slot for NNC
Licensing	One license per application thread, multiple license/controller is available
Available Neural Controllers	PCIe card (x1) USB 2.0 Internal USB 2.0 PCI 2.1 video capture card (FXVD4) (EOL*) PCI 2.1 card (FXMC) (EOL*) Express card 34 (54 compatible) (EOL*) PC 104+ card (EOL*)

*end of life

INTERFACE

Input	Still image from file or memory in any image format (BMP PNG JPEG JPEG2K RAW) Live analog video input (PAL or NTSC) Live digital camera input
Output	OCR data Number plate number in ASCII/UNICODE text Position of the plate Confidence level in percentage ID of the best image Color of plate (optional) Country ID (optional) Location of each plate on one image One vehicle can be identified in every 3 seconds per camera
Trigger	Can be integrated with any trigger device (mandatory to start the recognition) Software motion detection module is included

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 Sample codes for each programming language Neural network controller Comprehensive digital documentation



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

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