CARMEN® Parking Software

LICENSE PLATE RECOGNITION SOFTWARE LIBRARY & SDK

NUMBER PLATE	DRIVE IN
LNX - 058	$18^h \, 47^{min}$
WTS - 402	$08^h \, 23^{min}$
GRW - 051	$11^h \, 11^{min}$
XFR - 453	$14^h \, 27^{min}$
LWE - 245	$05^h \, 07^{min}$
CNR - 983	$09^h \, 37^{min}$
BBD - 541	$08^h \, 54^{min}$
KCG - 954	$10^h \, 29^{min}$
DDZ - 129	$15^h \, 18^{min}$
NMH - 483	$13^h \, 46^{min}$

THE ULTIMATE RECOGNITION ENGINE FOR ACCESS CONTROL AND PARKING APPLICATIONS

The CARMEN® Parking is an economical version of the CARMEN® Recognition Software family. CARMEN® Parking is especially created to automatically extract and recognize License Plate numbers of vehicles which are stopped or slowed at a barrier. License plates are the most accepted and naturally identifiable means of motor vehicles in the world today.

By automatically reading license plates, CCTV based applications, parking and access control systems gain precision and speed in data entry, logging, record keeping, security and parking management, and much more.

CARMEN® Parking reads the license plates from analogue imaging sources with the fastest and most accurate recognition rates possible. It provides country independent recognition as well as recognition of license plates written, not only in the Latin character alphabets, but also in Arabic, Cyrillic, Chinese, Korean, Thai and many more.
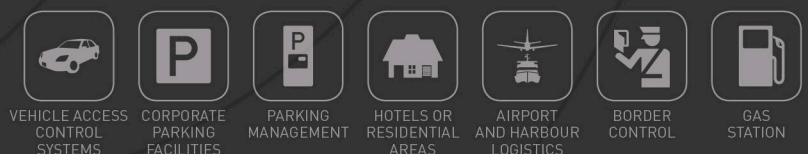
KEY FEATURES

- Automatic recognition of analogue input images of license plates from vehicles in slowed or stopped traffic
- Fast, easy and straightforward use
- Country, state or province and plate type recognition
- Country independent recognition including Latin, Arabic, Chinese, Korean, Thai characters and much more.

MAIN BENEFITS

- Saving time and energy in data entry, automating license 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®

VEHICLE ACCESS CONTROL SYSTEMS	CORPORATE PARKING FACILITIES	PARKING MANAGEMENT	HOTELS OR RESIDENTIAL AREAS	AIRPORT AND HARBOUR LOGISTICS	BORDER CONTROL	GAS STATION

SPECIFICATIONS

GENERAL INFORMATION

Purpose	Automatic recognition of vehicle license plates – a license 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)
Supported Platforms	x86_32 | x86_64
System requirements	1 GHz CPU | 512 MB RAM | 1 GB HDD | free slot for NNC
Licensing	One license per camera (lane), multiple license /controller is available
Available Neural Controllers	PCI 2.1 video capture card (FXVD4)

INTERFACE

Input	Live video input from any analog camera connected to the FXVD4 frame grabber card
Output	OCR data License plate number in ASCII/UNICODE text Position of the plate Confidence level in percentage Confidence levels for each characters List of further suggestions for each character 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# Delphi Visual Basic .NET Java
In The Box	Development libraries: .dll files ActiveX components/OCX files Demo application, sample codes for each programming language Neural network controller Comprehensive digital documentation on CD