



# CARMEN® OCR SDK SAMPLE CODE DESCRIPTION

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# Introduction

This document describes what is included in the SDK. You can see a brief description about what sample codes are doing, and in which programming language are available.

## Carmen® OCR SDK

### CMOCR EXAMPLES

Example codes to show how to use CARMEN® for industrial code recognition.

#### CMOCR01

At the beginning of the execution the application checks the syntax of the gxsd.dat file with the new `ispropertiesvalid()` function. If the gxsd.dat is valid, the application asks the user which engine should be used for testing. The user can choose with an input from a keyboard / console. After everything is set the application choose the proper images (image series from the same code, from different view) for the engine and do the OCR reading with `ReadCode()` / `cmocr_readcodea()` function. The result contains the industrial code, the confidence and the checksum validation result (if possible).

#### CMOCR02

At the beginning the application asks the user which engine should be used for testing. The user can choose with an input from a keyboard / console. After everything is set the application choose the proper images (image series from the same code, from different view) for the engine and do the OCR reading with `FindFirstContainerCode()` / `cmocr_getresult()` function. The result contains the industrial code, the confidence and the checksum validation result (if possible)

#### CMOCR03

At the beginning the application asks the user which engine should be used for testing. The user can choose with an input from a keyboard / console. After everything is set the application choose the proper image for the engine and do the OCR reading with `FindFirstContainerCode()` and `FindNextContainerCode()` / `cmocr_getresult()` and the `cmocr_nextresult()` functions. The result contains the industrial code, the confidence and the checksum validation result (if possible). With this application is it possible to read more industrial codes from one image.

## GX EXAMPLES

Example codes to show how to check the CARMEN® related devices / licenses in your system.

### GXDEVICES01

This application list how many GX devices are connected to your computer and the following details about them: name, type, serial, priority.

### GXDEVICES02

This application list how many and what kind of licenses are attached to your system.

### GXLICENSES01

This application list all the GX devices (type and serial) attached to your system and the available licenses on them.



# Availability

## ON WINDOWS

	C	C++	C#	Java	VB .NET
<b>CMOCR EXAMPLES</b>					
CMOCR01	+	+	+	+	+
CMOCR02	+	+	+	+	+
CMOCR03	+	+	+	+	+
<b>GX EXAMPLES</b>					
GXDEVICES01	+	+	+	NA	+
GXDEVICES02	+	+	+	+	+
GXLICENSES01	+	+	+	NA	+

+	Available
NA	Not possible

## ON LINUX

	C	C++	Java
<b>CMOCR EXAMPLES</b>			
CMOCR01	+	+	+
CMOCR02	+	+	+
CMOCR03	+	+	+
<b>GX EXAMPLES</b>			
GXDEVICES01	+	+	NA
GXDEVICES02	+	+	+
GXLICENSES01	+	+	NA

+	Available
NA	Not possible

## Contact Information

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Adaptive Recognition Technical Support System ([ATSS](#)) is designed to provide you with the fastest and most proficient assistance to get you back to business quickly.

For further technical information about our products, please visit our official website.

Information regarding hardware, software, manuals, and FAQ are easily accessible for customers who previously registered to enter the dedicated ATSS site. Besides offering assistance, the site is also designed to provide maximum protection while managing your business information and the technical solutions utilized.

### New User

If this is your first online support request, please create an account by clicking on this [link](#).

### Returning User

All registered ATSS customers receive a personal access link via email. If you previously received a confirmation message from ATSS, it contains the embedded link that allows you to enter the support site securely.

If you need assistance with login or registration, please contact [atsshhelp@adaptiverecognition.com](mailto:atsshhelp@adaptiverecognition.com).

