

AUTOMATIC NUMBER PLATE RECOGNITION AND INDUSTRIAL CODE RECOGNITION

Change Log

For Carmen[®]



CHANGELOG FOR CARMEN®

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Table of Contents

CARMEN® ANPR 7.3.1.26 / CARMEN® OCR 7.3.1.17	3
CARMEN® ANPR 7.3.1.25 / CARMEN® OCR 7.3.1.16	4
CARMEN® ANPR 7.3.1.24 / CARMEN® OCR 7.3.1.15	5
CARMEN® ANPR 7.3.1.23 / CARMEN® OCR 7.3.1.14	7
CARMEN® ANPR 7.3.1.21 (22 ON LINUX)	9
CARMEN® ANPR 7.3.1.20	10
CARMEN® ANPR 7.3.1.19	11
CONTACT INFORMATION	13



CARMEN® ANPR 7.3.1.26 / CARMEN® OCR 7.3.1.17

Release date: 2022.12.09

CHANGES:

EULA and all documents are updated.

GX, FXMCPCIE, FXMCUSB

- Updated drivers

LICENSE SERVER:

- Advanced logging
- User manual is ready, can be found [here](#).
- Bug fixes

ANPR:

- Default engine is updated to the latest available (22Q3) at the release date

OCR:

- Default engine is updated to the latest available (22Q3) at the release date

ANPR, OCR on linux:

- JAVA examples codes and *.jar compilation fix
- SWIG issues fix

Engine Manager Pro:

- Property description updates

ADI Demo:

- Possibilities to set ROI/ROU on the images and save them to the properties
- Correction of E-ADR and ANPR results on the same image
- No MMR search by ADR result

ADV Demo:

- Show the location from where the application is looking for the licenses

Known issues:

- MMR works only from code on Ubuntu (on VirtualBox)
- MMR works only from code on Manjaro (on VirtualBox and on VMware)

CARMEN® ANPR 7.3.1.25 / CARMEN® OCR 7.3.1.16

Release date: 2022.07.15

CHANGES:

All documents are updated.

GX:

- New driver for 1809 Windows 10

FXMCPCIE:

- New driver for 1809 Windows 10

FXMCUSB:

- New driver for 1809 Windows 10

LICENSE SERVER:

- Advanced logging
- Desktop mode on linux
- User manual is ready, can be found [here](#).

ANPR:

- Default engine is updated the to the latest available (22Q2) at the release date
- MMR header file replaced to be able to work with 7.3.4.x MMR engines

ANPR, OCR on linux:

- JAVA examples codes and *.jar compilation fix
- JAVA package names (gx, cm) have changed: **com.adaptiverecognition.gx**, **com.adaptiverecognition.cm**

Known issues:

- During ARM32 installation sometimes the drivers are not compiled/installed/started automatically -> if this is the case, please use run [make_kerneldrivers](#) script (on page 17)
- Drivers are not working on OpenSuse (on VirtualBox and on VMware)
- MMR works only from code on Ubuntu (on VirtualBox)
- MMR works only from code on Manjaro (on VirtualBox and on VMware)

CARMEN® ANPR 7.3.1.24 / CARMEN® OCR 7.3.1.15

Release date: 2022.05.31

CHANGES:

All documents are updated.

GX:

- "K" license bugfixes
- Opensource packages updated

FXMCPCIE:

- new driver (maximum 40 license on one key)
- bugfixes
- on Linux: PCI card with 4 Atmel chip support (it was already supported on windows)

FXMCUSB:

- new driver (maximum 40 license on one key)
- bugfixes

LICENSE MANAGER:

- new link for the user manual

ENGINE MANAGER PRO:

- new links for the manuals

LICENSE SERVER:

- included in the installer package
- works with 1 client without any additional license
- can run as an application or as a service as well
- User manual is ready, can be found [here](#).

ANPR, OCR:

- Default engines are updated to the latest available at the release date
- Linux:
 - New installation script on Linux, which check the CPU features (AVX) and compile, install and start the drivers if the user asks for it
 - The script checks the dependencies and let the user know if something is missing
- Possibility to NOT install CreditInformation and TimeCreditInformation applications

ANPR:

- VCRedist is included in the installer
- MMR header file replaced (updated categories, colors)
- ADI Demo
 - About window updated
 - User Manual link changed
 - Automatic MMR engine picker function
 - MMR engines related bugfixes
 - Processing buttons changes
 - Warning – if auto process is turned on and the user is trying to change between the results
- ADV Demo
 - About window updated
 - User Manual link changed

OCR:

- ODI Demo
 - About window updated
 - User Manual link changed

Linux:

- CentOS6, ARM64, ARM32, X64 version, with updated EngMan and LicMan applications

Known issues:

- During ARM32 installation sometimes the drivers are not compiled/installed/started automatically -> if this is the case, please use run [make_kerneldrivers](#) script (on page 17)
- Drivers are not working on OpenSuse (on VirtualBox and on VMware)
- MMR works only from code on Ubuntu (on VirtualBox)
- MMR works only from code on Manjaro (on VirtualBox and on VMware)

CARMEN® ANPR 7.3.1.23 / CARMEN® OCR 7.3.1.14

Release date: 2021.04.16

CHANGES:

ONLY X64 version is available for x86_64 architecture processors, ARM32 still supported.

All documents are updated.

GX:

- License Server bugfixes
- "K" license bugfixes
- Make it work on 5.6 and 5.8 linux kernel as well
- Opensource packages updated

FXMCPCIE:

- new driver, bugfixes
- on windows: PCI card with 4 Atmel chip support

FXMCUSB:

- new driver, bugfixes

LICENSE MANAGER:

- mistype correction
- yellow background for expired licenses
- standardized way for license visibility [CARMEN Anpr / Ocr / MMR (region / type)]

ENGINE MANAGER PRO:

- capability to show the MMR engines/properties (all of them are readonly at this moment)
- all property is visible in EM from now
- all property has tooltip

ANPR, OCR:

- Sample codes in the SDK are synchronized for different programming languages
- IsPropertiesValid() function to check the syntax of the gxsd.dat file
- New icons and images in the installers, applications
- Default engines are updated the to the latest available at the release date
- New make_kerneldrivers.sh script on linux to install/start/stop/uninstall/autostart the drivers
- Installation folder changed from "ARH Inc." to "Adaptive Recognition"

ANPR:

- MMR dependencies are included into the installer, not in the engines anymore
- MMR bugfixes
- ADI Demo
 - Show in the title which engines (ANPR and MMR) are in use
 - Show in the title where the licenses are looked for (local or IPNNC)
 - New columns in the log section: "Plate Text (ASCII)"; "Plate category"
 - New columns in case of MMR is enabled: "MMR confidence"; "MMR Time(ms)"
 - The above new column values are included into the Result Tree s well
 - About window update
 - User Manual opens from our website
 - MMR engines related bugfixes
 - MMR settings are added, but show the properties only, it is not possible to modify them
 - Path is right-aligned
 - In case of no result showing the ANPR time
 - Show the Plate Text (ASCII) to be able to see what unicode_in_text property does
 - Possibility to round the exact License Plate (in Demo Preferences)
 - Possibility to highlight E-ADR plates and License Plates on the same image at the same time
 - Name / visible name is changed on linux to be the same as on windows
- ADV Demo
 - About window update
 - User Manual opens from our website
 - Menu items are synchronized with ADI
 - Name / visible name is changed on linux

OCR:

- Engines are renamed from "cmaccr" to "cmocr", which is the default from now
- ODI Demo
 - About window updated
 - User Manual opens from our website
 - Menu items are synchronized with ADI
 - Name is changed, to be the "same" as in case of ADI/ADV; on linux as well

Linux:

- CentOS6, ARM64, ARM32, X64 version, with updated EngMan (MMR, OCR engines)

CARMEN® ANPR 7.3.1.21 (22 on linux)

Release date: 2020.04.27

CHANGES:

GX:

- License Server bugfixes
- License handling improvements (faster allocation – most valuable on License Server side)
- MMR (Make & Model Recognition) capability
 - Possibility to read the vehicle Make, Model and Color data after a successful ANPR
 - Works on front view images
 - 2 way for MMR reading
 - Automatic (right after a successful ANPR, automatically)
 - Manual (if you have an ANPR result with a related photo you can check the MMR manually)
- Bugfixes (“K” license issue)

ADI:

- Handling MMR engines in Demo Preferences
- Showing MMR results

License Manager:

- Tooltip update (works only from HW version 3.7)

CARMEN® ANPR 7.3.1.20

Release date: 2019.10.17

CHANGES:

GX:

- License Server bugfixes
- License handling improvements
- Bugfixes

FXMCPCIE:

- new driver, bugfixes



CARMEN® ANPR 7.3.1.19

Release date: 2019.06.07

CHANGES:

Setup:

- MSI installers

QT applications:

- Common directory for QT applications

GX:

- gxbmp module: handles bitmaps have width or height is negative value
- API/driver: handling CARMEN Go and time limited licenses
- Querying license information from the engines (anpr, accr)
- Network sharing of the licenses is supported
- Linux:
 - built-in licenses (shown with negative license ID) fixed for cat/proc/gx/devices command
 - kernel drivers work with Linux kernel 5.0.3

CMANPR:

- FindFirstV, FindNextV bugfix (no result case)
- New property: findenginesdepth – the depth of the finding engines

FXMCPCIE:

- supported the Atmel 128k chip

Engine Manager:

- Old Engine Manager removed (from now engines will release in msi format)
- Engine Manager Pro: new style engine manager under Windows and Linux
- EngMan fix (missing license information)

License Manager:

- LicMan bugfix (invalid command line parameter)
- TimeCreditInfo application to checking remained time limit

ADV:

- authentication
- Max. image, log dir size overflow fix
- Re-written event / message handling (faster multi thread working)

ADI:

- Find empty ADR checkbox
- Displays the ADR frame on the image
- Displays the empty ADR type



Contact Information

Headquarters:

Adaptive Recognition Hungary Inc.

Alkotás utca 41 HU-

1123 Budapest Hungary

Phone: +36 1 201 9650

Fax: +36 1 201 9651

Web: adaptiverecognition.com

Service Address:

Adaptive Recognition Hungary Inc.

Ipari Park HRSZ1113/1 HU

2074 Perbál Hungary

Phone: +36 1 2019650

E-mail: rmarequest@adaptiverecognition.com

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

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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 atsshelp@adaptiverecognition.com.

