

ALEXA LF / ALEXA SXT / ALEXA 65 / AMIRA / ALEXA Mini

ARRIRAW Converter 3.5.3.5 (CMD)

RELEASE NOTES

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1. Introduction

The ARRIRAW Converter CMD (also referred to as “ARC CMD”) is a command line tool using the ARRIRAW SDK to convert ARRIRAW images into different file formats. Using a XML based configuration file (the so called short settings), parameters affecting the rendering output can be set.

The settings are explained in more detail in the ARC CMD user manual.

2. System Recommendations

2.1 Mac Systems

- Mac OS X 10.10 and newer
- AMD/ATI or NVIDIA graphics adapter with at least 2048 MB of RAM. If processing ALEXA65 footage, 3072 MB of VRAM are recommended
- Latest graphics adapter driver installed.
- **For NVIDIA graphic cards CUDA driver 7.5 and higher.**

2.2 PC Systems

- 64 bit Windows 7, Windows 8.x or Windows 10.
- AMD/ATI or NVIDIA graphics adapter with at least 2048 MB of RAM. If processing ALEXA65 footage, 3072 MB of VRAM are recommended
- Latest graphics adapter driver installed.

ARRI recommends updating ARC version 3.5.0 or lower to version 3.5.3 or higher when rendering footage of the new ALEXA LF.

3. Features Overview

Features added in the new release version:

- Support of all new ALEXA LF ARRIRAW recording formats:
ALEXA LF Open Gate: 4.5K ARRIRAW
ALEXA LF 16:9: UHD ARRIRAW
ALEXA LF 2.39:1: 4.5K ARRIRAW

4. Bug fixes and Extensions

- Fixes in half size proxy scalings.
- Corrected colourspace LogC_Film in processing version 5.
- Fixes in Edge handling of 3414px downscale formats on CPU
- Fixed a bug in the check of whitebalance coefficient, which could lead to a false positive error when using extreme values for cct and tint
- Fix in denoiser: enhanced ghosting reduction
- Corrected colour matrix for ALEXA LF footage

5. Questions & Contact

If you have any questions or comments, please do not hesitate to contact us via digitalworkflow@arri.de.

6. External Libraries

This software uses the following external libraries:

libtiff www.libtiff.org

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

libzlib www.zlib.net

License:

interface of the 'zlib' general purpose compression library version 1.2.7, May 2nd, 2012

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Mesa 3-D graphics library Version: 7.0

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