



ARRI Reference Tool Viewer 0.9.0 (GUI)
ALEXA 35 & Xtreme / ALEXA 265 / ALEXA Mini LF
including
ALEXA LF / ALEXA Mini / SXT / 65 & AMIRA

RELEASE NOTES

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1 Introduction

The ARRI Reference Tool Viewer 0.9.0 is a beta version of the new GUI concept and is being developed to better meet user requirements and support current and future operating systems. It is currently only usable as a viewer, but in the long term, when all functions are available, it will replace the current ARRI Reference Tool 1.8.x.

1.1 ARRI Reference Tool Viewer 0.9.0

The following features for manipulating ALEXA 35 Xtreme, ALEXA 35, ALEXA 265 and legacy footage are included in this release:

1.1.1 Here are the ART Viewer features:

- Load clips via drag and drop on logo or viewer
- View clips (ARRIRAW only, no monochrome support, no full support for old ARRIRAW footage)
- View clip metadata (ARRIRAW and ProRes)
- Exporting clip metadata (ARRIRAW and ProRes)
- Support for Apple ProRes MXF in the viewer and for exporting metadata
- Support for ARRICORE in the viewer and for exporting metadata
- MXF clip recovery
- Bug report option
- Embedded look support
- Monochrome support
- New Look Panel for Look file creation and extraction
- ARRI Look Library
- New Dual Screen Mode

The range of functionality will be consistently expanded in future releases.

2 Supported Operating System

Mac:

- macOS Universal (macOS 10.15 and higher)

Windows:

- 64 bit Windows 10 & 11

3 Feature Overview and Bug Fixes

3.1 New Release

Version	0.9.0
Additions	• [IS-9773] Processing panel: Per-setting reset buttons • [IS-9772] Implement dual screen mode • [IS-9772] Viewer fullscreen modes: Normal layout, a focus view with the toolbars, and a clean image-only view • [IS-9574] Color Panel - Toolbar Implementation • [IS-9565] Color Panel - Tabs Implementation • [IS-9564] Color Panel - GUI • [IS-9430] Create uninstaller for release package • [IS-9428] MacOS package installer • [IS-9475] Basic Look Library Panel - ARRI Looks • [IS-9474] Basic Look Library Panel - My Looks • [IS-9473] Basic Look Library Panel - GUI • [IS-9465] Implement dialog to add custom LUT metadata • [IS-9434] Implement batch look creation • [IS-9269] Extend batch look panel • [IS-9476] Viewer shows default clip
Changes	• [IS-9774] Show codec icons in file system panel
Fixed	• [IS-None] Add unsupported look file fix. Allow png upload. Allow cdl only looks. • [IS-9575] Add checks for valid clip source and look model. Fix non drop frame timecode calculation and add drop frame support. • [IS-None] Derive the lens desqueeze from the display rect aspect ratio instead of the forensic squeeze metadata, correcting for in-camera desqueeze so already-desqueezed images are not desqueezed again • [IS-9554] Update "position" metadata in the metadata panel • [IS-9168] Limit output width to at most twice the crop width • [IS-9188] Proxy mode selector drop-down shows no empty options • [IS-9567] Email validation incorrectly rejects addresses containing "-" • [IS-None] Viewer toolbar controls disappear and are unreachable via the overflow button at minimum window width • [IS-9483] ART Viewer Windows Installation is not visible in Settings > Apps > Installed apps • [IS-9464] LogC color space selection resets to Rec.709-D65 when changing Raw Processing value

	• [IS-9526] Update nested dynamic metadata like lens state in metadata panel • [IS-9522] Fix Batch Look Panel GUI deviations • [IS-9457] Squeezed images are displayed with black letterbox
Removed	Nothing

3.2 Past Changes

Version	0.8.0
Additions	• [IS-8927] Create windows installer for release package • [IS-9415] Zoom does not work for clip with black borders • [IS-9413] Include art-lib 0.5.9-4 • [IS-9372] Embedded look support • [IS-9381] Add privacy addendum document • [IS-9356] Add monochrome support • [IS-9316] Implement user consent workflow for crash handling
Changes	Nothing
Fixed	• [IS-9349] ART crashes if switching from Metal to CPU Processing
Removed	Nothing
Version	0.7.0
Additions	• [IS-8821] Contact support dialog
Changes	Nothing
Fixed	• [Bug-10528] Max image zoom stops at 500%
Removed	Nothing
Version	0.6.0
Additions	• [IS-9003] Create recovery progress panel • [IS-9002] Write recovered MXF mxf clips to disk • [IS-9097] Add recovery menu button and update file system context menu • [IS-8944] Integrate MXF recovery function to view broken mxf clips

Changes	Nothing
Fixed	• [IS-9093] Fix display broken and recoverable clips in File System Panel
Removed	Nothing
Versio n	0.5.0
Additions	• [IS-8928] Add EULA and and update About Dialog • [IS-8983] Add ProRes reading support • [IS-8939] Add ARRICORE support
Changes	• [IS-8907] convert metadata units into meaningful ranges • [IS-8875] change styling of contact support dialog
Fixed	• [IS-9039] ARRICORE dynamic libraries are missing in the build artifacts • [IS-9008] Frame cache prefetch function runs in busy loop • [IS-8917] CPU rendering was quite unstable, especially with odd image sizes. Switching between image output sizes • happens now smoothly and without clearing in between • [IS-8938] Undocking panels with no clip loaded leads to artifacts in viewer on windows
Removed	Nothing

4 Known Issues

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If you have any questions about the application, please contact us via digitalworkflow@arri.de.

5 External Libraries

This software uses the following external libraries:

Library	URL	License
Libtiff	www.libtiff.org	Copyright (c) 1988-1997 Sam Leffler Copyright (c) 1991-1997 Silicon Graphics, Inc. Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that (i) the above copyright notices and this permission notice appear in all copies of the software and related documentation, and (ii) the names

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