

PHOENIX & NUCODA 2023 Control of the second second

SONY VENICE 2 CAMERA SUPPORT

This release includes updates to our Sony Professional Camera SDK support, adding Venice 2 compatibility and better debayer/decoding speeds. We recommend 16 GB of GPU memory for 8k resolution files. There are no changes to the Properties window compared to the original Venice implementation.

CANON RAW SUPPORT

Canon Raw support is now implemented within Nucoda and Phoenix. Files recorded as .CRM and .RMF can be directly imported, and playback is GPU-accelerated using Nvidia cards with Cuda Compute capability 5.0 and later.

Edit Properties													
								Metadata	Nucoda Metad	lata	Options		
Name	A009C22	25_22	0118IJ_	CANO	1								
Clip name								Canon Properties	Canon	×			
								Output Resolution	FULL	~	Gamma	Canon Log 2	~
Description								Color Space	Cinema Gamut	~	Debayer Quality	High Quality	~
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Film name								Lens Squeeze	Off	× .			
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Create Clone Source Path					ied Alpha 5_220118IJ_CA	NON.CRM	Change						
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The Properties window includes several options, including Color Space, Gamma, and many others. If the Project is set as ACES, you need to choose your input Transform from the list using the dropdown menu on the left side of the window.

We have also added several Canon LUTs to the software. They can be selected during the project creation or used per clip with the LUT tool.

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System Preferences Batch Render	3840x2160p (H) 1.778 709 3840x2160p (H) 1.778 709 LUT 3840x2160p (H) 1.778 p3dci LUT Cor	etup Cilipping Colour Scaling DCL/YZ Dotby-PRM Example Code HDR imported-LUTS Log-Video Lur Panasonic	 CinemaGamut_CanonLog3-to BT2020_HLGKnee_65_FF_Ver 2.0 cube CinemaGamut_CanonLog3-to BT2020_HLG_17_FF_Ver 2.0 cube CinemaGamut_CanonLog3-to BT2020_HLG_55_FF_Ver 2.0 cube CinemaGamut_CanonLog3-to BT2020_HLG_55_FF_Ver 2.0 cube CinemaGamut_CanonLog3-to BT2020_PQ_17_FF_Ver 2.0 cube CinemaGamut_CanonLog3-to BT2020_PQ_35_FF_Ver 2.0 cube CinemaGamut_CanonLog3-to BT2020_PQ_35_FF_Ver 2.0 cube CinemaGamut_CanonLog3-to BT2020_PQ_65_FF_Ver 2.0 cube
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About	Stereoscopic Output	<custom></custom>	CinemaGamut_CanonLog3-to-DCIP3_DCI_65_FF_Ver.2.0.cube

Small sample of new Canon LUTs



NEW DVO DECOMPRESS

Introducing DVO Decompress, our latest tool that is now available along with this release.

DVO Decompress is a video processing tool designed to mitigate the negative effects of compression on video clips. It specifically targets issues commonly encountered when working with highly compressed clips, such as banding, macro blocking, bit-starvation, loss of resolution, and color loss associated with YUV codecs.

Enable	General	Deblock	Deband	Finish	
	Chroma Smooth	Boundary	Enable	Sharpness 0	
	Edge Clean	Block Smooth	Extended Range	Contrast 0	
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	Strength 2	Strength 4	Strength 4	Amplitude 1.5	
				Coloured	

If you're interested in adding DVO Decompress to your Filmworkz package, give our Sales Team a shout.

BUGS FIXES

DVSUP-425: Update Sony Professional Camera SDK

DVSUP-721: NDI is locked to 29.97

DVSUP-845: AAF import caused crashes with newer versions of AAF files

DVSUP-846: First implementation of Canon SDK

DVSUP-847: Updated NDI SDK to 5.5

DVSUP-848: Prores file is picked up by Drastic when there's no audio track

DVSUP-851: EXR matte part issue if part name is contained in another name earlier in the list

DVSUP-855: XDCAM imported in a SMPTE project are double scaled and import very slowly

DVSUP-863: Color scaling issue with AVC/XAVC files

DVSUP-864: Arri 35 MXF Prores files crashes the software

DVSUP-865: Importing a file without extensions causes Mainconcept to crash

DVSUP-866: Importing notes from previous versions of Nucoda caused non-linear color converts to fail **DVSUP-867:** IOPlugins will use AVX2 when available

KNOWN ISSUES:

If a XAVC/AVC file is in full range, it will not be interpreted properly and will double-scale. We're working with Mainconcept to solve the issue.

DVSUP-729: Overwrite frame source DPX gives the file a faulty tapename has been removed due to export issues using source metadata. A fix will come in a later release.

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