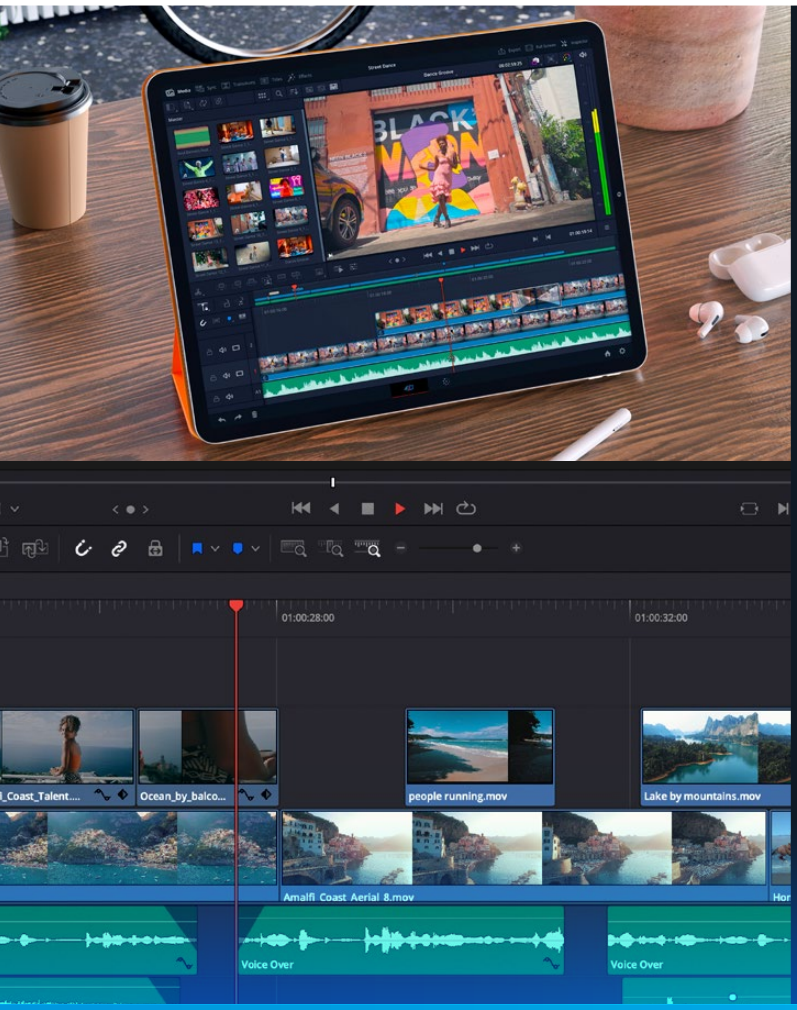
July 2023

Studio and iPad Features

Blackmagicdesign

DaVinci Resolve



Leading the Creative Video Revolution

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Interface and Peripherals

Features	Desktop	M1 and M2 iPad Pro and iPad Air	Non-M1/M2 iPads [1]
Pages	All	Cut and Color	Cut and Color [4]
Project library	Local, Network and Cloud	Local, Network and Cloud [2]	Local, Network and Cloud [2]
App menu access	Yes	No	No
System and user preferences	All	Limited (via App Settings)	Limited (via App Settings)
Speed Editor	Yes	Yes	Yes
Panels support	All	Speed Editor	Speed Editor
DeckLink and UltraStudio support	Yes	No	No
Files/System resource access	Yes	Subject to iPad access restrictions. Requires user permissions. Affects sidecars, image sequences.	Subject to iPad access restrictions. Requires user permissions. Affects sidecars, image sequences.
Pencil support	No [3]	Yes	Yes
Pencil hover icons	N.A.	Yes (M2 only)	No
Gesture support	No [3]	Yes	Yes

General

Features	Desktop	M1 and M2 iPad Pro and iPad Air [5]	Non-M1/M2 iPads [1] [5]
Timeline and render resolution higher than UHD	Studio	Studio	No
Timeline frame rates greater than 60fps	Studio	Studio	Studio
Timeline sample rates of 96 KHz and higher	Studio	Studio	Studio
Clean feed computer monitor output	Studio	Studio	No
Workflow/Media Asset Management Integration	Studio	No	No
Encode plugin support	Studio	No	No
DaVinci CTL	Studio	Studio	Studio
Deinterlacing workflows	Studio	Studio, limited	Studio, limited
Lens distortion correction	Studio	Studio	Studio
Stereoscopic 3D projects, tools and monitoring	Studio	No	No
10-bit viewers in Windows and Linux	Studio	N.A.	N.A.
ARRI CDL and LUT in a node	Studio	Studio	Studio
Remote grading	Studio	No	No
Remote rendering	Studio	No	No
Remote monitoring of video and audio streams	Studio	No	No
Network connecting grading panels to remote grading machines	Studio	No	No
Control scripts from local or remote machines	Studio [7]	No	No
Frame.io support	Studio	No	No
Multiple image processing GPUs	Studio	N.A.	N.A.
Fusion VR toolset	Studio [7]	No	No
Fusion camera tracker	Studio	No	No
Fusion effects and titles	Yes	Yes	Partial. Limitations include: Digital Glitch, Outline Offset, Spin Twist Drift, Stretch Zoom, Superhero Movie, Title Dramatic Mood.

Page and Panel Specific Functions

Features		Desktop	M1 and M2 iPad Pro and iPad Air	Non-M1/M2 iPads [1]
Timeline Features	Creating compound clips	Yes	No	No
	Keyframe curves	Yes	No	No
	Subtitles	Yes	No	No
	Track destination mapping	Yes	No	No
	Multiple buses	Yes	No	No
	Fairlight effects and automation	Yes	No	No
	Audio mixer controls	Yes	No	No
	ADR and voice-over recording	Yes	No	No
	Sub-clip creation	Yes	No	No
	Clip markers	Yes	No	No
	Render cache	Yes	Yes	No
	Render in place	Yes	No	No
	Optimized media	Yes	No	No
	Data burn-in controls	Yes	No	No
Media Pool Clip Actions	Creating multicam clips	Yes	No	No
	Power bins	Yes	No	No
	Smart bins	Yes	No	No
	Reconform options	Yes	No	No
	Relink Disk Search	Yes	No	No
Color	Remote Versions	Yes	No	No
	Color grading options in the thumbnail context menu	Yes	Limited	Limited
	Clip Info panel	Yes	No	No
	Cleanup Node Graph, Add Combiner/Splitter and other node actions	Yes	No	No
	Change Input Sizing Preset	Yes	Yes	Yes
	Find in Media Pool	Yes	No	No

HDR Finishing Toolset

Features	Desktop	M1 and M2 iPad Pro and iPad Air	Non-M1/M2 iPads [1]
Support for HDR10+ and Vivid workflows	Studio	No	No
Support for Dolby Vision workflows	Studio	Studio, Limited tonemapping capability.	Studio, Limited tonemapping capability.
Support for HDR video scopes	Studio	Studio [5]	Studio [5]
Support for HDR metadata over HDMI	Studio	No	No

Motion Effects

Features	Desktop	M1 and M2 iPad Pro and iPad Air [5]	Non-M1/M2 iPads [1] [5]
Spatial noise reduction	Studio	Studio	Studio
Temporal noise reduction	Studio	Studio	Studio
Motion blur	Studio	Studio	Studio

DaVinci Neural Engine [6]

Features	Desktop	M1 and M2 iPad Pro and iPad Air	Non-M1/M2 iPads [1]
Analyzing for People	Studio	No	No
Audio classification	Studio	No	No
Auto Color	Yes	Yes	Yes
DaVinci Neural Engine based deinterlacing	Studio	No	No
Gyroscopic Stabilization	Yes	Yes	Yes
Magic Mask - Person and Object Mask	Studio	Studio [5]	No
Scene cut detection	Studio	Studio [5]	Studio [5]
Shot Matching	Yes	Yes	Yes
Smart Reframe	Studio	Studio [5]	Studio [5]
Speed Warp	Studio	Studio [5]	Studio [5]
Subtitles and Transcriptions from Audio	Studio	Studio [5]	No
SuperScale	Studio	Studio [5]	No

Resolve FX

Features	Desktop	M1 and M2 iPad Pro and iPad Air [5]	Non-M1/M2 iPads [1] [5]
Analog Damage	Studio	Studio	Studio
Aperture Diffraction	Studio	Studio	No
Automatic Dirt Removal	Studio	Studio	No
Beauty	Studio	Studio	Studio
Chromatic Aberration Removal	Studio	Studio	Studio
Color Stabilizer	Studio	Studio	Studio
Contrast Pop	Studio	Studio	Studio
DCTL	Studio	Studio	Studio
Deflicker	Studio	Studio	No
Dehaze [6]	Studio	Studio	Studio
Depth Map [6]	Studio	Studio [8]	No
Detail Recovery	Studio	Studio	Studio
Dust Buster	Studio	Studio	Studio
Face Refinement [6]	Studio	Studio	Studio
False Color	Studio	Studio	Studio
Film Grain	Studio	Studio	Studio
Halation	Studio	Studio	Studio
Frame Replace	Studio	Studio	No
Lens Blur	Studio	Studio	Studio
Lens Distortion	Studio	Studio	Studio
Lens Flare	Studio	Studio	Studio
Lens Reflections	Studio	Studio	Studio
Motion Blur	Studio	Studio	Studio
Motion Trails	Studio	Studio	No
Noise Reduction	Studio	Studio	No
Object Removal	Studio	Studio	No
Patch Replacer	Studio	Studio	Studio
Pencil Sketch [6]	Studio	Studio	Studio
Relight [6]	Studio	Studio [8]	No
Sharpen	Studio	Studio	Studio
Sharpen Edges	Studio	Studio	Studio
Smear	Studio	Studio	No

Resolve FX

Features	Desktop	M1 and M2 iPad Pro and iPad Air [5]	Non-M1/M2 iPads [1] [5]
Soften and Sharpen	Studio	Studio	Studio
Stylize [6]	Studio	Studio	Studio
Surface Tracker	Studio	Studio	No
Texture Pop	Studio	Studio	Studio
Tilt Shift Blur	Studio	Studio	Studio
Warper	Studio	Studio	Studio

Audio

Features	Desktop	M1 and M2 iPad Pro and iPad Air	Non-M1/M2 iPads [1]
Voice Isolation [6]	Studio	Studio [5]	Studio [5]
Dialog Leveler [6]	Yes	Yes	Yes
Dolby Atmos workflows	Studio	No	No
Immersive audio formats (ADM, 22.2, SMPTE, MPEG-H, Auro 3D and others)	Studio	No	No
B-Chain Support	Studio	No	No

Codecs / 3rd party Licensing dependent items

Features	Desktop	M1 and M2 iPad Pro and iPad Air	Non-M1/M2 iPads [1]
Supported encode and decode formats	As per Codec Support Document	Blackmagic RAW, H.264, H.265, ProRes, common image and audio formats.	Blackmagic RAW, H.264, H.265, common image and audio formats. Resolution may be limited based on memory constraints
Image sequences as video	Yes	No	No
Hardware accelerated decoding and encoding	Studio, depends on codec	H.264, H.265. ProRes for M2 models	H.264, H.265
Decoding and encoding HEIF, J2K HT and Sony XAVC formats	Studio	Limited	Limited

Codecs / 3rd party Licensing dependent items

Features	Desktop	M1 and M2 iPad Pro and iPad Air	Non-M1/M2 iPads [1]
Encoding Kakadu JPEG2000 and IMF formats without resolution or data rate limits	Studio	No	No
Advanced IMF packaging support	Studio	No	No

Other

Features	Desktop	M1 and M2 iPad Pro and iPad Air	Non-M1/M2 iPads [1]
HDR Grading	Yes	Yes	Yes
Connecting to a PostgreSQL project library	Yes	Yes	Yes
Project collaboration	Yes	Yes	Yes
Sharing and social media uploads	YouTube, Vimeo, Twitter, DropBox, TikTok. Studio needed for DropBox Replay.	YouTube, Vimeo, Twitter, DropBox, TikTok. Ability to share with other installed apps.	YouTube, Vimeo, Twitter, DropBox, TikTok. Ability to share with other installed apps.
CDL export	Yes	No	No
Support for third party grading and MIDI control panels	Yes	No	No
Elastic Wave audio re-timing	Yes	No	No
Export of a wide range of Gallery still formats	Yes	No	No

NOTE: This document is meant as a general indication of differences. DaVinci Resolve for iPad is in constant development and not all changes and differences may be fully reflected. This content is subject to change without notice.

[1] Recent iPads with A-series processors (including iPad 8, iPad 9 and iPad Mini 6) will see some features like ProRes support and Resolve and Fusion effects disabled or limited (both with and without the Studio in-app purchase). Some features like Speed Warp may use simpler fallback algorithms.

[2] In shared single-user or multi-user projects (including imported projects), unsupported features may show overlays, difference in effects, or be disabled on the iPad.

Projects with unsupported resolution, stereoscopic 3D features and other features may not be accessible.

[3] iPads used as extended displays in sidecar mode have limited pointing device support, including Apple pencil and gestures. See https://support.apple.com/en-sg/HT210380.

[4] Some user interface elements may vary or be hidden on smaller iPad displays.

[5] Studio upgrade via in-app purchase.

[6] Uses DaVinci Neural Engine AI.

[7] Not available in Mac OS App Store installations.

[8] Needs an iPad Pro with 16 GB RAM.