

DIAMANT-Film V15 Feature Matrix		DustBuster+ LT	DustBster+ LT	DIAMANT Film LT	DIAMANT Film SUITE
--	--	---------------------------	--------------------------	----------------------------	-------------------------------

Interactive Tools (Tool Track)					
Paint Tools	Clone	X	X	X	X
	HistoryBrush (UNDO)	X	X	X	X
	Paint	X	X	X	X
Repair Tools	Dust (single image dirt, scratches)	X	X	X	X
	Interpolate (frame repair)	X	X	X	X
	ExInPaint (auto healing for camera hairs and static defects)		X	X	X
	Scratch (vertical/horizontal line)		X	X	X
	SpliceRepair		X**	X	X
	InPaint		X	X	X
	DeeInPaint		X***	X***	X***
	Repair		X	X	X
	Distortion (image deformation by manual grid)		X	X	X
Enhance Tools	Blur/Sharpen/Contrast/Colorbalance	X	X	X	X
Video Tools	Dropout (video dropout removal)	X	X	X	X

Automatic Filters (Filter Track)					
Paint	History Filter (temporal UNDO)		X	X	X
	Time Clone		X	X	X
	Time Paint		X	X	X
Repair	DFlickerFlow				X*
	DFlicker				X
	Dust (single image dirt, scratches)		X	X	X
	DeepDust (machine-learning AI technology)				X***
	IR Cleaner (infrared channel repair)				X
	Repair		X	X	X
	Scratch (vertical/horizontal line)				X
	DeepScratch (machine-learning AI technology)				X***
	ExInPaint		X	X	X
	DeepInpaint (AI technology for static hair removal)				X***
	InterpolateSequence		X	X	X
	Stain (remove color stains)				X
	Tear			X	X
Stabilisation	Stabilize (automatic content based)				X**
	StabAuto (automatic content based)				X
	StabROITracking (combines tracking with stabilization)		X	X	X
	StabPerfo (perforation based stabilization)				X
	StabCorner (corner of frameborder)				X
	StabBorder (image frame line based)				X
	SpliceBump				X
	Transform (geometric transformation)	X	X	X	X
	DWarp (user controlled deformations)				X

DIAMANT-Film V15 Feature Matrix		DustBuster+ LT	DustBster+ LT	DIAMANT Film LT	DIAMANT Film SUITE
Noise/Grain	Distortion (image deformation by manual grid)				X
	ReShake (camera movement re-introduction)				X
	Noise (spatial-temporal de-noising)				X*
	DeepNoise (machine-learning AI technology)				X***
	Dark Energy Noise (from Cinnafilm)				O**
	Neat Video OFX Plugin		O	O	O
	OmniClean (multi image denoiser)				X**
	Synthetic Grain (mathematic re-grain model)				X
	Regrain (based on image grain pattern)				X**
	Grain Overlay (uses external grain samples)				X
Color	Spatial Noise (spatial noise reduction)		X	X	X
	Brightness / Contrast		X	X	X
	Primary CC				X
	Color Balance		X	X	X
	Color Registration (automatic 3 strip channel alignment)				X
	Align Color Channel				X
Video	Auto Contrast				X
	FieldSplit		X	X	X
	General Dropout				X
	Line Dropout				X
	LineDuplication Dropout				X
	UMATIC Dropout				X
	LineSync				X
	DInterlace				X
Misc	DeadPixel		X	X	X
	Enhance		X	X	X
	Blanking				X
	Zoom				X
	FlipImage		X	X	X
	Difference		X	X	X
	Clipping				X
	Invert		X	X	X
	Image Registration				X
	Look Transfer				X**
Tracking	Channel Mapper				X
	TrackPoints		X	X	X
	ImportPoints		X	X	X
Editing Track					
Additional Input (allows simple editing using additional sources)					X
Annotation Track					
Pre-Defined Annotations		X	X	X	X
User Definable Annotations		X	X	X	X
Comments		X	X	X	X

DIAMANT-Film V15 Feature Matrix	DustBuster+ LT	DustBster+ LT	DIAMANT Film LT	DIAMANT Film SUITE
Resolve marker support	X	X	X	X
Display Track				
1D LUT	X	X	X	X
3D LUT	X	X	X	X
HDR	X	X	X	X

Project Manager (Repository management)				
User Management			X	X
Multi clip import			X	X
Multi clip export			X	X
Project backup/restore as ZIP archive			X	X
Multi generation handling			X	X
Restoration report generator in PDF, HTML, XLSX and XML		X	X	X
Custom comments for clips			X	X
Repository sharing between several workstations			X	X
ReFrame (Crop, Pan & Scan, Scale, AI Scale)			X	X
Deep Restore (artificial intelligence restoration engine)				X**
Render Queues (batch rendering)				X
Rename, Copy, Branche, Move, Remove (clip management)			X	X
Flatten (disk space optimisation)			X	X

Convert Video powered by Tachyon® (OPTIONAL)**				
Predefined video profiles				O
DeInterlacer				O
Pulldown Removal				O
Resize / Scaling				O
Re-Timing				O
Color Conversion				O

Render Manager				
Batch rendering				X
Background rendering				X
Distributed rendering / render farm support (OPTIONAL)				O
Batch export				X

Quality control features				
Split Screen for dynamic comparison of two sequences	X	X	X	X
Side by Side	X	X	X	X
Difference mask	X	X	X	X
Onion skin	X	X	X	X
Before & After toggle	X	X	X	X
Compare with additional sequences	X	X	X	X
Interlaced & Field View	X	X	X	X
Individual channel inspection including alpha channel	X	X	X	X

DIAMANT-Film V15 Feature Matrix	DustBuster+ LT	DustBster+ LT	DIAMANT Film LT	DIAMANT Film SUITE
Image format support				
Resolution independent: Anything from SD - 8K	X	X	X	X
DPX, CIN, TIFF, TGA, OpenEXR, CRI, DNG, DCI JPEG 2000, JPEG, BMP, PNG and many more	X	X	X	X
8bit, 10bit, 16bit, LIN/LOG, half-float, float, monochrome	X	X	X	X
Monochrome, 3-channel, alpha-channel support	X	X	X	X
Support for QuickTime, MXF, AVI, MKS	X	X	X	X
Codecs: ProRes, DNxHR, FFV1, DNxHD, XDCAM, IMX, DVCPRO, ...	X	X	X	X
Infrared dust/dirt map support		X	X	X
Timecode handling	X	X	X	X
General				
Windows 11&10 (64 bit)	X	X	X	X
MAC OSX 10.15 or higher including M1/M2	X	X	X	X
Multi thread support	X	X	X	X
Render farm support				X
GPU support	X*	X*	X*	X*
Multi GPU support		X*	X*	X*
Full metadata mode for all functions	X	X	X	X
Non destructive working mode	X	X	X	X
Destructive working mode with backup	X	X		
High quality GPU based optical flow motion analysis	X	X	X	X
Animated ROIs, brushes, rectangles, polygons, freehand		X	X	X
Animated Parameters	X	X	X	X
Support of dust & scratch clean mattes or infrared masks from DFT SCANITY, ARRIScan, Lasergraphics, BM Cintel and NorthLight Scanners				X
Undo support for all actions	X	X	X	X
LUT & 3D LUT support	X	X	X	X
Title & action safe area display	X	X	X	X
Anamorphic view display	X	X	X	X
View guides	X	X	X	X
Blanking view	X	X	X	X
Timeline concept, animation timeline, keyframe view	X	X	X	X
EDL support for cuts and markers	X	X	X	X
Marker import from BlackMagic Resolve and Frame.IO		X	X	X
Single and dual monitor support with full screen mode	X	X	X	X
Video output via BlackMagic boards including HDR		X	X	X
Bookmarks	X	X	X	X
Histogram view	X	X	X	X
RGBA value view	X	X	X	X
Waveform view	X	X	X	X
Magnifier view	X	X	X	X
Individual color channel views, grey view, alpha view	X	X	X	X
Automatic cut detection	X	X	X	X
Black/white frame detection	X	X	X	X

DIAMANT-Film V15 Feature Matrix	DustBuster+ LT	DustBster+	DIAMANT Film LT	DIAMANT Film SUITE
FilmLight Baselight integration via REST API				X
BlackMagic DaVinci RESOLVE integration		X	X	X
Open API and SDK for filters (OpenFX)		X	X	X
Integration into 3 rd party workflows (REST API)				X
Proxy support for faster playback			X	X
Grain template manager			X	X

- (*) Needs CUDA enabled GPU from NVIDIA – not available on MAC!
- (**) Not on MAC
- (***) Requires NVIDIA RTX graphic cards with min. 8GB RAM
- (O) Option only