



**Grass Valley**  
WE LOVE LIVE

# **EDIUS® X**

**EDIT ANYTHING. FAST**

**Software version 10.34.12119**

**Supported File Formats**  
**August 2023**

[www.grassvalley.com](http://www.grassvalley.com)

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## Important Information

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### Selectable format on creating capture preset

Grass Valley does not guarantee that any format can be selected for base-band capture without dropping audio or video. Because required system performance is vary depending on selected format. Workstation, storage and network performance will affect capture performance. On building a system, we strongly recommend testing base-band capture enoughly.

If you need troubleshooting on base-band capture issue, visit [EDIUSWorld.com](http://EDIUSWorld.com) [FAQ](#)

### Playback in real-time

EDIUS supports placing various format of files onto the timeline for editing. But Grass Valley does not guarantee that real-time playback of timelines will always be possible. Because the load on the system during playback depends on the files placed, the project format, and the timeline structure.

There are several ways to decrease the system load. For details, visit [EDIUSWorld.com](http://EDIUSWorld.com) [FAQ](#)

Supported file formats are subject to change without notice. Please see the latest build release note information more details. Visit the EDIUS installer [download page](#) to see the information.

# EDIUS X Supported file formats

## For base-band capture

Input Port	Codec	File Format
SDI	Uncompressed	AVI
	Grass Valley HQ	AVI / MXF
	Grass Valley HQX	AVI / MXF
	DV	AVI/MXF
	DVCPRO 25	
	DVCPRO 50	
	DVCPRO HD	
	AVCIntra 50	MXF
	AVCIntra 100	
	K2 clip *	CMF
	MPEG2 Custom	MXF
	XDCAM HD Compatible	MXF
	XDCAM HD422 Compatible	
	XDCAM EX Compatible	
HDMI	Uncompressed	AVI
	Grass Valley HQ	AVI / MXF
	Grass Valley HQX	AVI / MXF
	DVCPRO HD	AVI / MXF
	AVCIntra 50	MXF
	AVCIntra 100	
	K2 clip *	CMF
	MPEG2 Custom	MXF
Component	Uncompressed	AVI
	Grass Valley HQ	AVI / MXF
	Grass Valley HQX	AVI / MXF
	DV	AVI / MXF
	DVCPRO 25	
	DVCPRO 50	
	DVCPRO HD	
	AVCIntra 50	MXF
	AVCIntra 100	
	K2 clip *	CMF
	MPEG2 Custom	MXF
	XDCAM HD Compatible	MXF
	XDCAM HD422 Compatible	
XDCAM EX Compatible		
S-Video	Uncompressed	AVI
	Grass Valley HQ	AVI / MXF
	Grass Valley HQX	AVI / MXF
	MPEG IMX	MXF
	K2 clip *	CMF
	MPEG2 Custom	MXF
	DV	AVI / MXF / CMF
	DVCPRO 25	

	DVCPRO 50	
Composite	Uncompressed	AVI
	Grass Valley HQ	AVI / MXF
	Grass Valley HQX	AVI / MXF
	MPEG IMX	MXF
	K2 clip *	CMF
	MPEG2 Custom	MXF
	DV	AVI / MXF
	DVCPRO 25	
	DVCPRO 50	

\* Only available in Workgroup and requires separate K2 connect option.

## Browseable device files in Source Browser

Device Format	Format Name	File Extension	Source Browser pane name
Canon AVCHD	AVCHD	*.mts,*.m2ts	Removable Media
Canon Cinema EOS	AVCHD	*.mts	Removable Media
	Motion JPEG	*.mov	Removable Media
Canon RAW	Canon Cinema RAW	*.rmf, *.crm	Canon RAW
	Canon Cinema RAW Light		
Canon XF	MPEG2	*.cif + *.mxf	XF
	XF-AVC		
	XF-HEVC		
DSLR	AVCHD	*.mov, *.mp4	Removable Media
	H.264/AVC		
GoPro	H.264/AVC	*.mp4	Removable Media
JVC AVCHD	AVCHD	*.mts,*.m2ts	Removable Media
K2 CMF <a href="#">*1</a>	AVC-Intra	*.cmf	K2(SAN)
	AVC-Ultra		
	D10		
	DNxHD		
	DV		
	DVCPRO HD		
	AVCHD		
	MPEG-2		
K2 GXF <a href="#">*2</a>	DNxHD	*.gxf	K2(FTP)
	AVCIntra		
	AVCUltra		
	D10		
	DV		
	DVCPRO25		
	DVCPRO50		
	DVCPRO HD		
	JPEG2000		
	MPEG-2		
Nikon RAW	Nikon RAW	*.nev	Removable Media
Panasonic AU-EVA1	H.264/AVC	*.mov	Removable Media
Panasonic AVCCAM	AVCHD	*.mts,*.m2ts	Removable Media
Panasonic AVCHD	AVCHD	*.mts,*.m2ts	Removable Media
Panasonic P2	DVCPRO 25	*.xml+*.mxf	P2
	DVCPRO 50		
	DVCPRO HD		
	AVCIntra50		
	AVCIntra100		
	AVCIntra 200		
	AVC LongG		
Panasonic VARICAM	AVC Intra 4K 444	*.xml+*.mxf	P2
	AVC Intra 4K 422		
	AVC Intra 4K LT		
	AVC LongG		

RED	RED	*.R3D	Removable Media
SONY AVCHD	AVCHD	*.mts, *.m2ts	Removable Media
SONY CineAlta	MPEG HD422	*.xml+*.mxf	XDCAM
	XAVC	*.mxf	
SONY NXCAM	AVCHD	*.mts, *.m2ts	Removable Media
SONY RAW	SONY RAW	*.mxf	Sony RAW
SONY XDCAM	DVCAM	*.xml+*.mxf	XDCAM
	MPEG IMX		
	XDCAM HD		
	XDCAM HD422		
SONY XDCAM EX	XDCAM EX	*.xml+*.mp4	XDCAM EX
SONY XAVC	XAVC Intra	*.xml+*.mxf	XDCAM
	XAVC Long GOP		
	XAVC S	*.xml+*.mp4	
	XAVC HS		

\*1 Only available in Workgroup and requires separate K2 connect option.

\*2 Only available in Workgroup.

## For file import

Video Format	File Extension	Partial Transfer Support
AVCHD	*.m2ts, *.mts	N
AVC-Intra (4K 444/4K 422/4K-LT/200/100/50)	*.xml, *.mxf	Y
AVC LongG	*.xml, *.mxf	Y
AVI <a href="#">*1</a>	*.avi	Y <a href="#">*2</a>
Blackmagic RAW	*.braw	Y
Canon Cinema RAW	*.xml	Y
Canon Cinema RAW Light	*.crm	N
DIF stream	*.dif, *.dv	N
DNxHD <a href="#">*8</a>	*.mov	N
DNxHR <a href="#">*8</a>	*.mov	N
DNxHR 444 <a href="#">*8</a>	*.mov	N
DVCPRO (DVCPRO HD/50/25)	*.xml, *.mxf	Y
H.264/AVC	*.f4v, *.mov, *.mp4	N
H.265/HEVC	*.mov, *.mp4	N
K2 clip <a href="#">*5</a>	*.cmf, *.gxf	N
MPEG HDD MOVIE	*.mod, *.tod	Y <a href="#">*3</a>
MPEG Program Stream	*.mpg, *.mpeg, *.m2p, *.mp2, *.vob, *.vro	Y <a href="#">*3</a>
MPEG Transport Stream	*.m2t	Y <a href="#">*3</a>
MPEG Video Stream	*.mpv, *.m2v	Y <a href="#">*3</a>
MPEG4 File	*.mp4, *.m4v	N
MXF <a href="#">*1</a>	*.mxf	N
Nikon RAW	*.nev	N
P2 Clip File	*.xml	Y
PNG	*.mov	N
ProRes	*.mov, *.mxf	N
ProRes 4444	*.mov, *.mxf	N
RED File	*.R3D	N
SONY HVR-DR60/HVR-MRC1 Meta File	*.idx	Y <a href="#">*3</a>
SONY RAW	*.xml, *.mxf	Y
Transport Stream (MPEG2, H.264) <a href="#">*4</a>	*.ts	Y <a href="#">*3</a>
Windows Media <a href="#">*1</a>	*.wmv, *.asf	N
XAVC (Intra, Long GOP)	*.xml, *.mxf	Y
XAVC S	*.xml, *.mp4	N
XDCAM	*.xml, *.mxf	Y
XDCAM EX	*.mp4, *.avi, *.smi, *.xm	N
XF (XF, XF-AVC, XF-HEVC)	*.cif, *.mxf	Y

Audio Format	File Extension
AAC	*.aac, *.m4a
AIFF	*.aiff, *.aif



Dolby Digital (AC-3)	*.ac3
Dolby Digital (AC-3) (for Professional) <a href="#">*6</a>	*.ac3
Dolby Digital Plus (E-AC-3) <a href="#">*6</a>	*.ec3
MPEG Audio Layer-3 <a href="#">*7</a>	*.mp3
MPEG Audio Stream	*.mpa,*.m2a
Ogg Vorbis Files	*.ogg
Wave File	*.wav
Windows Media Audio	*.wma

Still Image Format	File Extension
CompuServeGIF Files	*.gif
DPX(SMPTE 268M-2003) Files	*.dpx
ICO Decoder	*.ico,*.icon
JPEG Decoder	*.jpe,*.exif
JPEG Interchange Format Files	*.jif
JPEG Files	*.jpg,*.jpeg
Maya IFF Files <a href="#">*9</a>	*.iff
Multi-PictureFormat File	*.mpo
Portable Network Graphics Files	*.png
Photoshop Files	*.psd
Quick Titler	*.etl
SGI Files	*.sgi,*.rgb
Targa Files	*.tga,*.targa,*.vda,*.icb,*.vst
TIFF Files	*.tif,3*.tiff
Windows Bitmap Files	*.bmp,*.dib,*.rle
Windows Meta Files	*.wmf,*.emf
WMPPhotoDecoder	*.wdp

\*1 Supported codec vary depending on video resolution or frame rate.

\*2 Several codec may not support partial transfer.

\*3 Vary depending on video format settings.

\*4 Supported in MPEG2 or H.264.

\*5 Only available in Workgroup and requires separate K2 connect Option to handle .cmf file.

\*6 Only available in Workgroup (separate Dolby option required)

\*7 Only supports CBR file.

\*8 Pro edition requires separate DNxHD option.

\*9 EDIUS does not support handling Z-depth.

## For file export

Video Format	Codec Name	File Extension
AVCHD	AVCHD	*.m2ts
AVI	Grass Valley HQX	*.avi
	Grass Valley HQX(Alpha)	
	Grass Valley HQ	
	Grass Valley HQ(Alpha)	
	Grass Valley Lossless	
	DV	
	DVCPRO HD	
	DVCPRO50	
	Uncompressed (RGB)	
	Uncompressed (RGBA)	
	Uncompressed (UYVY)	
	Uncompressed (YUY2)	
	Uncompressed (v210)	
H.264/AVC	Blu-ray	*.m2ts
	F4V	*.f4v
	H.264/AVC	*.mp4
	iPod	
	PlayStation Portable	
HDV	MPEG2 Transport stream	*.m2t
MPEG	MPEG2 Program Stream	*.mpg,*.m2p
MXF	AVC-Intra 50	*.mxf
	AVC-Intra 100	
	AVC LongG	
	AVC Ultra Class 200	
	D10	
	DNxHD	
	DNxHR	
	DNxHR 444	
	DV	
	DVCPRO25	
	DVCPRO50	
	DVCPROHD	
	Grass Valley HQ	
	Grass Valley HQX	
	JPEG2000	
	ProRes 422	
	ProRes 4444	
MPEG2		
P2	AVC-Intra 50	*.xml + *.mxf
	AVC-Intra 100	
	AVC-Intra 200	
	AVC-Intra 4K 422	
	AVC LongG	
	DV	
	DVCPRO25	
DVCPRO50		

	DVCPROHD	
P2 3D	AVC-Intra 50	*.mxf
	AVC-Intra 100	
Play Station Portable	H.264/AVC	*.mp4
QuickTime	DNxHD	*.mov
	DNxHR	
	DNxHR 444	
	Grass Valley HQX	
	Grass Valley HQX(Alpha)	
	Grass Valley HQ	
	Grass Valley HQ(Alpha)	
	H.264/AVC	
	H.265/HEVC	
	JPEG2000	
	Motion JPEG	
	PNG	
	ProRes 422	
ProRes 4444		
ProRes 4444 (Alpha)		
QT Animation		
WindowsMedia	WindowsMediaVideo	*.wmv
XAVC	XAVC Intra	*.xml + *.mxf
	XAVC Long GOP	
	XAVC S	*.xml + *.mp4
XDCAM	XDCAM DV	*.xml + *.mxf
	XDCAM HD	
	XDCAM HD 422	
	XDCAM HD 720P	
	XDCAM MPEG IMX	
XDCAM EX	XDCAM EX	*.xml + *.mp4
	XDCAM EX DV	

Audio Format	File Extension
AAC	*.m4a
AIFF	*.aif, *.aiff
Apple Lossless	*.m4a
Dolby Digital (AC-3)	*.ac3
Dolby Digital (AC-3) (for Professional) <a href="#">*1</a>	*.ac3
Dolby Digital Plus (E-AC-3) <a href="#">*1</a>	*.ec3
MPEG Audio Stream	*.mpa
Sony/Sonicfoudry Wave64	*.w64
Vorbis Audio	*.ogg
WAVE	*.wav
Windows Media Audio	*.wma

Still Image Format	File Extension
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JPEG Interchange Format Files	*.jif
JPEG Files	*.jpg,*.jpeg
Portable Network Graphics Files	*.png
Photoshop Files	*.psd
SGI Files	*.sgi,*.rgb
Targa Files	*.tga,*.targa,*.vda,*.icb,*.vst
TIFF Files	*.tif,3*.tiff
Windows Bitmap Files	*.bmp,*.rle

\*1 Only available in Workgroup (separate Dolby option required)