



Pixel Xstream Format Support

This document provides a complete list of the supported input and output formats for all Pixel Xstream products. In order to transcode from one format to another, Pixel Xstream must be able to both decode the input format and then encode into the output format. Use the following table below to determine if your particular input/output requirements are supported. The table lists each file format, the video and audio codecs supported for that file format, and indicates whether it is supported for input and/or output.

In addition to the codecs that ship with Pixel Xstream, you can also install certain other 3rd party codecs for use with the product. If a particular codec in the list is not included with Pixel Xstream, we may have provided links for downloading that codec. Some codecs are available for free and some require an additional purchase from the codec developer.

If you do not see a particular format that you need in the list, please don't hesitate to contact us at support@iperatech.com. We are continually updating our product with new features and appreciate your requests and comments.

File Format/ Container	Codec (Audio or Video)	Input	Output	Comments
3GPP (3gp)	AAC	x	x	
	HE-AAC	x	x	
	AMR	x	x	
	H.263	x	x	
	H.264	x	x	
	MPEG-4	x	x	
3GPP2 (3g2)	AAC	x	Q1 2010	
	HE-AAC	x	Q1 2010	
	AMR	x	Q1 2010	
	H.263	x	Q1 2010	
	H.264	x	Q1 2010	
	MPEG-4	x	Q1 2010	
	VCELP	Q1 2010		
ASF (asf)	WMV	x		
	WMA	x		
AVI (avi)	AAC	x		
	ACC+ (HE-AAC)	x		
	AC-3	x		requires an AC-3 audio decoder if embedded AC-3 is present on the input side
	AMR	x		
	DivX	x		
	DV25	x		
	DV50	x		
	DVCPro	x		

AVI (avi) cont.	DVCProHD	Q1 2010		
	Motion JPEG	x		
	MPEG Audio Layer 1/2	x		
	MP3 (MPEG Audio Layer 3)	x		
	MPEG-1	x		
	MPEG-2	x		
	MPEG-4	x		
	PCM	x	x	
	Windows RAW (uncompressed RGB)	x	x	RGB24, RGB32
	XviD	x		
	YUV 4:2:0	x	x	I420, YV12
	YUV 4:2:2	x	x	UYVY
FLASH (flv/f4v)	AAC (Flash 9)	x	x	
	HE-AAC (Flash 9)	x	x	
	H.263 (Flash 7)	x	Q1 2010	
	H.264 (Flash 9)	x	x	
	MP3 (MPEG Audio Layer 3)	x	x	
	On2 VP6 (Flash 8)	x	Q1 2010	May be optional on some products
Material Exchange Format (mxf)* optional feature in some products	Sony XDCam	x	Q1 2010	SD (IMX D10) & HD
	Sony XDCam MPEG-4 proxy	x	Q1 2010	
	Sony DVCam	x	Q1 2010	
	Panasonic P2	x	Q1 2010	
MXF OP1a (mxf)* optional feature in some products	AVC-Intra	x	Q1 2010	
	BWF	x	Q1 2010	
	D10 (IMX)	x	Q1 2010	
	DV25	x	Q1 2010	
	DV50	x	Q1 2010	
	DVCPPro	x	Q1 2010	
	DVCPProHD	x	Q1 2010	
	JPEG 2000	x	Q1 2010	
	MPEG-2 I-Frame	x	Q1 2010	
	MPEG-2 Long GOP	x	Q1 2010	
	WAV	x	Q1 2010	
MXF OPAtom (mxf)* optional feature in some products	Avid DNxHD	Q1 2010	Q1 2010	
	AVC-Intra	x	Q1 2010	
	BWF	x	Q1 2010	
	D10 (IMX)	x	Q1 2010	
	DV25	x	Q1 2010	
	DV50	x	Q1 2010	

MXF OPAtom (mxf)* cont. - optional feature in some products	DVCPPro	x	Q1 2010	
	DVCPProHD	x	Q1 2010	
	JPEG 2000	x	Q1 2010	
	MPEG-2 I-Frame	x	Q1 2010	
	MPEG-2 Long GOP	x	Q1 2010	
	WAV	x	Q1 2010	
Matroska (mkv)	AAC		Q1 2010	
	ACC+ (HE-AAC)		Q1 2010	
	AC-3		Q1 2010	requires an AC-3 audio decoder if embedded AC-3 is present on the input side
	DivX		Q1 2010	
	FLAC		Q1 2010	
	H.264		Q1 2010	
	MP3 (MPEG Audio Layer 3)		Q1 2010	
	Vorbis		Q1 2010	
	WMV7		Q1 2010	
	WMV8		Q1 2010	
	XviD		Q1 2010	
MPEG PS (ps)	ACC	x		
	MPEG Audio Layer 1/2	x		
	MPEG-2	x		
	PCM	x		
MPEG-2 TS (ts)	AAC	x	x	
	ACC+ (HE-AAC)	x	x	
	AC-3	x		requires an AC-3 audio decoder if embedded AC-3 is present on the input side
	H.264	x	x	
	Motion JPEG	x		
	MPEG Audio Layer 1	x		
	MPEG Audio Layer 2	x	x	
	MP3 (MPEG Audio Layer 3)	x		
	MPEG-1	x		
	MPEG-2	x	x	
	MPEG-4	x		
	PCM	x		

MPEG Video (mpg, m2v)	MPEG Audio Layer 1/2	x		
	MP3 (MPEG Audio Layer 3)	x		
	MPEG-1	x		
	MPEG-2	x		
	PCM	x		
MPEG-4 (mp4, m4v)	AAC	x	x	
	ACC+ (HE-AAC)	x	x	
	AC-3	x		requires an AC-3 audio decoder if embedded AC-3 is present on the input side
	H.263	x	x	
	H.264	x	x	
	MPEG Audio Layer 1/2	x		
	MP3 (MPEG Audio Layer 3)	x	Q1 2010	
	MPEG-4	x	x	
QuickTime (mov)	AAC	x	Q1 2010	
	ACC+ (HE-AAC)	x	Q1 2010	
	AMR	x	Q1 2010	
	DV25	x		
	DV50	x		
	DVCPro	x		
	H.263	x		
	H.264	x	Q1 2010	
	Motion JPEG	x		
	MPEG Audio Layer 1/2	x		
	MP3 (MPEG Audio Layer 3)	x	Q1 2010	
	MPEG-1	x		
	MPEG-2	x		
	MPEG-4	x	Q1 2010	
	PCM	x		
	Windows RAW (uncompressed RGB)	x		
YUV 4:2:0	x			

RealMedia (rm)	Real Audio 8		Q1 2010	
	Real Audio 9		Q1 2010	
	Real Audio 10		Q1 2010	
	Real Video 8		Q1 2010	
	Real Video 9		Q1 2010	
	Real Video 10		Q1 2010	
VOB DVD (vob)	AC-3	x		requires an AC-3 audio decoder if embedded AC-3 is present on the input side
	MPEG Audio Layer 2	x		
	MP3 (MPEG Audio Layer 3)	x		
	MPEG-2	x		
	PCM	x		
WMV (wmv)	WMA7	x	x	
	WMA8	x	x	
	WMA9	x	x	
	WMA Lossless	x	x	
	WMV7	x	x	
	WMV8	x	x	
	WMV9	x	x	
	VC-1	x	x	



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