



A-LIST™

Complete Supported Video File Specifications for NTSC

MPEG-2 Program Stream with MPEG Layer II Audio

FORMAT / RESOLUTION		ACTUAL RESOLUTION	SUPPORTED FRAME RATES	FIELD ORDER	ASPECT RATIO	PIXEL ASPECT	CC	VIDEO			AUDIO			PROFILE	LEVEL	VALID EXTENSIONS	
								CODEC	CHROMA	BIT RATE	CODEC	SAMPLE RATE	BIT RATE				
HD	1080p	1920x1088	29.97	PRO	16x9	1:1	X	MPEG-2	4:2:0	10 - 75 Mbps	MPEG-1 Layer II	48KHz	64 - 384 Kbps	Main	High	MPG MPEG	
		1920x1080	29.97				✓										
		1440x1080	23.976				X										
	1080i	1920x1088	29.97	UFF			X										
		1920x1080					✓										
		1440x1080					1.33:1										X
720p	1280x720	59.94	PRO	1:1	✓												
SD	WIDE SCREEN	NTSC D1	29.97	PRO or LFF	16x9	1.21:1	✓	MPEG-2	4:2:0 or 4:2:2	5 - 50 Mbps	MPEG-1 Layer II	48KHz or 44.1KHz	64 - 384 Kbps	Main (or 4:2:2)	Main	MPG MPEG	
							720x486										✓
							704x486 ¹										✓
		NTSC DV					720x512 ²										✓
							720x480										✓
							704x480 ¹										✓
	4x3	NTSC D1	29.97	PRO or LFF	4x3	0.91:1	✓										
							720x486	✓									
							704x486 ¹	✓									
		NTSC DV					720x512 ²	✓									
							720x480	✓									
							704x480 ¹	✓									
SQUARE PIXEL	640x480	29.97				X											
NOTES		¹ Horizontal blanking cropped		² NTSC inband VBI													

H.264 Video with AAC Audio

FORMAT / RESOLUTION		ACTUAL RESOLUTION	SUPPORTED FRAME RATES	FIELD ORDER	ASPECT RATIO	PIXEL ASPECT	CC	VIDEO			AUDIO			PROFILE	LEVEL	VALID EXTENSIONS		
								CODEC	CHROMA	BIT RATE	CODEC	SAMPLE RATE	BIT RATE					
HD	1080p	1920x1080	29.97	PRO	16x9	1:1	✓	AVC	4:2:0	5 - 50 Mbps	AAC	48KHz	16 - 320 Kbps	High	4	MP4 MOV MXF		
	1080i		23.976				X											
	720p		29.97				✓											
SD	WIDE SCREEN	NTSC D1	29.97	PRO or LFF	16x9	1.21:1	✓	AVC	4:2:0	2 - 50 Mbps	AAC	48KHz	16 - 320 Kbps	Main	3	MP4 MOV MXF		
							NTSC DV										720x480	✓
	4x3	NTSC D1					720x486										✓	
							NTSC DV										720x480	✓
							NTSC DV										720x480	✓

DV with PCM Audio

FORMAT / RESOLUTION		ACTUAL RESOLUTION	SUPPORTED FRAME RATES	FIELD ORDER	ASPECT RATIO	PIXEL ASPECT	CC	VIDEO			AUDIO			VALID EXTENSIONS
								CODEC	CHROMA	BIT RATE	CODEC	SAMPLE RATE	BIT RATE	
SD	WIDE 4x3	NTSC DV	29.97	LFF	16x9	1.21:1	X	DV	4:1:1	25Mbps	PCM	48KHz	1.5Mbps	AVI MOV
					4x3	0.91:1	X							

SNIPES

Quicktime Animation with Alpha Channel

FORMAT / SYSTEM RESOLUTION		ACTUAL RESOLUTION	FRAME RATE	FIELD ORDER	ASPECT RATIO	PIXEL ASPECT	VIDEO			AUDIO (OPTIONAL)			VALID EXTENSIONS
							CHANNELS	DEPTH	COLOR	CODEC	SAMPLE RATE	CH	
HD	1080i	1920x1080	29.97	UFF	16x9	1:1	RGB + Alpha	Millions of Colors +	Premultiplied (Matted)	UNCOMPRESSED	48KHz	Stereo	MOV
	720p		59.94										
SD	SD WIDESCREEN	720x480	29.97	LFF	4x3	0.91:1	RGB + Alpha	Millions of Colors +	Premultiplied (Matted)	UNCOMPRESSED	48KHz	Stereo	MOV
	SD 4x3												



A-LIST™

Complete Supported Video File Specifications for PAL

MPEG-2 Program Stream with MPEG Layer II Audio

FORMAT / RESOLUTION		ACTUAL RESOLUTION	SUPPORTED FRAME RATES	FIELD ORDER	ASPECT RATIO	PIXEL ASPECT	CC	VIDEO			AUDIO			PROFILE	LEVEL	VALID EXTENSIONS
								CODEC	CHROMA	BIT RATE	CODEC	SAMPLE RATE	BIT RATE			
HD	1080p	1920x1080	25	PRO	16x9	1:1	✓	MPEG-2	4:2:0	10 - 75 Mbps	MPEG-1 Layer II	48KHz	64 - 384 Kbps	Main	High	MPG MPEG
	1080i	1920x1080	25	UFF												
	720p	1280x720	50	PRO												
SD	WIDE 4x3	PAL D1/DV	720x576	25	PRO	16x9	1.46:1	✓	4:2:0 or 4:2:2	5 - 50 Mbps	MPEG-1 Layer II	48KHz or 44.1KHz	64 - 384 Kbps	Main	Main	
					or LFF	4x3	1.09:1	✓						(or 4:2:2)		

H.264 Video with AAC Audio

FORMAT / RESOLUTION		ACTUAL RESOLUTION	SUPPORTED FRAME RATES	FIELD ORDER	ASPECT RATIO	PIXEL ASPECT	CC	VIDEO			AUDIO			PROFILE	LEVEL	VALID EXTENSIONS
								CODEC	CHROMA	BIT RATE	CODEC	SAMPLE RATE	BIT RATE			
HD	1080p	1920x1080	25	PRO	16x9	1:1	✓	AVC	4:2:0	5 - 50 Mbps	AAC	48KHz	16 - 320 Kbps	High	4	MP4 MOV MXF
	1080i	1920x1080	25	UFF											3.2	
	720p	1280x720	50	PRO											3.2	
			25	PRO											3.2	
SD	WIDE 4x3	PAL D1/DV	720x576	25	PRO	16x9	1.46:1	✓	2 - 50 Mbps	AAC	48KHz	16 - 320 Kbps	Main	3		
					or LFF	4x3	1.09:1	✓								

SNIPES

Quicktime Animation with Alpha Channel

FORMAT / SYSTEM RESOLUTION		ACTUAL RESOLUTION	FRAME RATE	FIELD ORDER	ASPECT RATIO	PIXEL ASPECT	VIDEO			AUDIO (OPTIONAL)			VALID EXTENSIONS	
							CHANNELS	DEPTH	COLOR	CODEC	SAMPLE RATE	CH		
HD	1080i	1920x1080	25	UFF	16x9	1:1	RGB + Alpha	Millions of Colors +	Premultiplied (Matted)	UNCOMPRESSED	48KHz	Stereo	MOV	
	720p	1280x720	50	PRO										
SD	WIDE 4x3	PAL D1/DV	720x576	25	LFF	16x9	1.46:1	RGB + Alpha	Millions of Colors +	Premultiplied (Matted)	UNCOMPRESSED	48KHz	Stereo	MOV
						4x3	1.09:1							