

File Container					
Max File Size	Unlimited	Unlimited	4GB	4GB	4GB
Max Transfer	30Mbps	30Mbps	13Mbps	10Mbps	10Mbps
File Extension	.mkv, .avi, .divx	.avi, .divx	.avi, .divx	.avi, .divx	.avi, .divx
Video					
Codec	DivX 3, 4, 5, 6 DivX Plus 7, 8, 9	DivX 3, 4, 5, 6	DivX 3, 4, 5, 6	DivX 3, 4, 5, 6	DivX 5, 6
Pixel Width	1920	1920	1280	720	640
Pixel Height	1080	1080	720	576 <= 25fps or 480 <= 30fps	480
Frame Rate	30fps	30fps	30fps	30fps	30fps
Pixel Aspect Ratio	All values specified in Table E-1 of ITU H.264 spec.	Standard PAR (1:1, 10:11, 40:33, 12:11 and 16:11)	Standard PAR (1:1, 10:11, 40:33, 12:11 and 16:11)	Standard PAR (1:1, 10:11, 40:33, 12:11 and 16:11)	Square (1:1)
Macroblocks	244 800 bps	244 800 bps	108 800 bps	40 500 bps	36 000 bps
VBV Buffer	VCL: 25Mbit NAL: 30Mbit	2048 kB	2048 kB	384 kB	384 kB
VBV Bitrate	VCL: 20Mbps NAL: 24Mbps	20000 kbps	9708 kbps	4854 kbps	4854 kbps
B-Frame	3 w/ B-pyramids	2	2	1	1
Quantization Method	N/A	H.263, MPEG, Custom Quant	H.263, MPEG, Custom Quant	H.263	H.263
Interlaced	Supported	Supported	<i>optional</i>	Supported	<i>optional</i>
Subtitles					
# of Streams	Up to 8	Up to 8	<i>optional</i>	Up to 8	<i>optional</i>
Stream Type	SRT, ASS, SSA, XSUB, XSUB+	XSUB, XSUB+	XSUB, XSUB+	XSUB	XSUB
Audio					
# of Streams	Up to 8	Up to 8	At least 1	Up to 8	At least 1
MP3:					
Bitrate (kbps)	Up to 320	Up to 320	Up to 320	Up to 320	Up to 320
Bitrate Mode	CBR and VBR	CBR and VBR	CBR and VBR	CBR and VBR	CBR and VBR
Sampling Rate	Up to 48 kHz	Up to 48 kHz	Up to 48 kHz	Up to 48 kHz	Up to 48 kHz
Channels	Mono, 2ch, 6ch	Mono, 2ch, 6ch	Mono, 2ch, 6ch	Mono, 2ch, 6ch	Mono, 2ch, 6ch
Audio Preload	0-3 seconds	0-3 seconds	0-3 seconds	0-3 seconds	0-3 seconds
A/V Interleave	Up to 3 seconds	Up to 3 seconds	Up to 3 seconds	Up to 3 seconds	Up to 3 seconds
AC3:					
Bitrate (kbps)	Up to 448	Up to 448	Up to 448	Up to 448	<i>optional</i>
Sampling Rate	Up to 48 kHz	Up to 48 kHz	Up to 48 kHz	Up to 48 kHz	<i>optional</i>
Channels	Mono, 2ch, 6ch	Mono, 2ch, 6ch	Mono, 2ch, 6ch	Mono, 2ch, 6ch	<i>optional</i>
Audio Preload	0-3 seconds	0-3 seconds	0-3 seconds	0-3 seconds	<i>optional</i>
A/V Interleave	Up to 3 seconds	Up to 3 seconds	Up to 3 seconds	Up to 3 seconds	<i>optional</i>
AAC - LC, HEV1, HEV2:					
Bitrate (kbps)	Up to 1152	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
Bitrate Mode	VBR	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
Sampling Rate	Up to 48 kHz	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
Channels	Mono, 2ch, 6ch	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
Audio Preload	0-2 seconds	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
A/V Interleave	Up to 3 seconds	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
Advanced Features					
Smooth FF/RW	Required	N/A	N/A	N/A	N/A
World Font Attachments	Required (up to 2MB)	N/A	N/A	N/A	N/A
Authored Chapters	Required	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
Auto Chapters	Required	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
Multiple Titles	Required	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>
Metadata	Required	<i>optional</i>	<i>optional</i>	<i>optional</i>	<i>optional</i>