
Player Specification

[SDK 2.3]

Year 2011
Version 1.00

Samsung Smart TV

1. Samsung TV Video Format

File Extension	Container	Video Codec	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.avi	AVI	Divx 3.11/4.x/5.1/6.0	1920x1080	6 ~ 30	8	MP3 AC3 LPCM DTS Core
		XviD	1920x1080	6 ~ 30	8	
		H.264 BP/MP/HP	1920x1080	6 ~ 30	25	
		MPEG4 SP/ASP	1920x1080	6 ~ 30	8	
*.mkv	MKV	Divx 3.11/4.x/5.1/6.0	1920x1080	6 ~ 30	8	MP3 AC3 LPCM DTS Core
		XviD	1920x1080	6 ~ 30	8	
		H.264 BP/MP/HP	1920x1080	6 ~ 30	25	
		MPEG4 SP/ASP	1920x1080	6 ~ 30	8	
*.asf	ASF	Divx 3.11/4.x/5.1/6.0	1920x1080	6 ~ 30	8	MP3 AC3 LPCM WMA
		XviD	1920x1080	6 ~ 30	8	
		H.264 BP/MP/HP	1920x1080	6 ~ 30	25	
		MPEG4 SP/ASP	1920x1080	6 ~ 30	8	
*.wmv	ASF	Window Media Video v9	1920x1080	6 ~ 30	25	WMA
*.mp4	MP4	H.264 BP/MP/HP	1920x1080	6 ~ 30	25	MP3 AAC
		MPEG4 SP/ASP	1920x1080	6 ~ 30	8	
		XVID	1920x1080	6 ~ 30	8	
*.3gp	3GPP	H.264 BP/MP/HP	1920x1080	6 ~ 30	25	AAC
		MPEG4 SP/ASP	1920x1080	6 ~ 30	8	
*.vro	VRO VOB	MPEG2	1920x1080	24/25/30	30	AC3 MPEG LPCM
		MPEG1	352x288	24/25/30	30	
*.mpg *.mpeg	PS	MPEG1	352x288	24/25/30	30	AC3 MPEG LPCM AAC
		MPEG2	1920x1080	24/25/30	30	
		H.264	1920x1080	6 ~ 30	25	
*.ts *.tp *.trp	TS	MPEG2	1920x1080	24/25/30	30	AC3 AAC MP3 DD+
		H.264	1920x1080	6 ~ 30	25	
		VC1	1920x1080	6 ~ 30	25	

2. Samsung Smart TV Recommendation Specs

- MP4 (.MP4) (H.264)
- ASF (.WMV) (VC1)
- ASF (.ASF) (H.264)
- AVI (.AVI) (H.264)

3. Supporting Protocols

- HTTP / HTTPS / MMS