

Video codecs supported by HF690U and HF69* model series

File format	Container	Video codecs	Resolution	Frame rate (fps)	Bitrate (Mbps)	Audio codecs	
*.avi *.mkv *.asf *.wmv *.mp4 *.mov *.3gp *.vro *.mpg *.mpeg *.ts *.tp *.trp *.mov *.flv *.vob *.svi *.m2ts *.mts *.divx	AVI MKV ASF MP4 3GP MOV FLV VRO VOB PS TS SVAF	H.264 BP/MP/HP	4096 x 2160	4096 x 2160: 30 3840 x 2160: 60	60	Dolby Digital LPCM ADPCM(IMA, MS) AAC HE-AAC WMA Dolby Digital+ MPEG(MP3) DTS (Core, LBR, HD_MA, HD_HRA) G.711(A-Law, μ-Law)	
		HEVC (H.265 - Main, Main10)		60	80		
		Motion JPEG	3840 x 2160	30	80		
		MVC	1920 x1080	60	20		
		Divx 3.11 / 4 / 5 / 6					
		MPEG4 SP/ASP					
		Window Media Video v9 (VC1)					
		MPEG2					
		MPEG1					
		Microsoft MPEG-4 v1, v2, v3		30			
		Window Media Video v7 (WMV1), v8 (WMV2)					
		H 263 Sorrenson					
		VP6					
*.webm	WebM	VP8	1920 x1080	60	20	Vorbis	
		VP9 (Profile 2 supported)	4096 x 2160	4096 x 2160: 60	40		
*.rmvb	RMVB	RV8/9/10 (RV30/40)	1920 x1080	60	20	RealAudio 6	

Other restrictions

- Codecs may not function properly if there is a problem with the content.
- Video content does not play or does not play correctly if there is an error in the content or container.
- Sound or video may not work if they have standard bit rates/frame rates above the TV's compatibility ratings.
- If the Index Table is has an error, the Seek (Jump) function will not work.
- When playing video over a network connection, the video may not play smoothly because of data transmission speeds.
- Some USB/digital camera devices may not be compatible with the TV.
- HEVC codec is only available in MKV / MP4 / TS containers.
- The MVC codec is supported partly.

Video decoders

- H.264 FHD is supported up to Level 4.1. (TV does not support FMO / ASO / RS)
- H.264 UHD is supported up to Level 5.1.
- HEVC FHD is supported up to Level 4.1, and HEVC UHD is supported up to Level 5.1.
- VC1 AP L4 is not supported.
- GMC 2 or above is not supported.

Audio decoders

- WMA is supported up to 10 Pro 5.1 channels, M2 profile.
- WMA lossless audio is not supported
- QCELP and AMR NB/WB are not supported.
- Vorbis is supported for up to 5.1 channels.
- Dolby Digital Plus is supported for up to 5.1 channels.
- The DTS LBR codec is only available for MKV / MP4 / TS containers.
- The supported sample rates are 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, and 48 KHz, and differ with the codec.