

MPEG-2 Encoding Specification for the DV75/H media players

VIDEO

File format: .mpg/.ts
Video type: MPEG-2 video(transport stream)
Attributes: 1280x720,1920x1080, 4:3 or 16:9
Compression: 8-bit 4:2:2 YCbCr
16-bit 4:2:2 YCbCr
24-bit 4:4:4 YCbCr
24-bit RGB (888)
Frame rate: 1280 x 720p @ 50, 59.94 and 60 Hz
1920 x 1080i @ 25, 29.97 and 30 Hz
1920 x 1080p @ 23.976, 24, 25, 29.97 and 30 Hz
Data rate: SDTV 20 Mbps maximum
HDTV 25 Mbps maximum

AUDIO

Audio Type: MPEG audio
Layer: I, II and III (MP3)
Attributes: 16, 22.05, 24, 32, 44.1 and 48 kHz. Single channel, dual channel, joint stereo, and stereo modes are supported
Bit rate: up to 448 kbps (Layer I), 384 kbps (Layer II) or 320 kbps (Layer III)