

DV75N VIDEO ENCODING SPECIFICATIONS

Video Containers (file extensions):

MPEG1/2/4 Elementary (M1V, M2V, M4V)
 MPEG1/2 PS (M2P, MPG, VOB)
 MPEG2 Transport Stream (TS, TP, TRP, M2T, M2TS, MTS)
 Others:
 AVI, ASF, WMV, MOV (H.264), MP4, RMP4

Codec/Profile/Level	Resolution	Bit Rate Average Mbps
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XVID SD/HD

Popular Containers: MP4

MPEG-1

Popular Containers: MPG, DAT and M1V

MPEG-2

MP@HL	1920x1080(i/p)30 , 1280x720p60	30
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Popular Containers: MPG, MPEG, VOB, M2T, M2P, M2V, TS, TRP and TP

MPEG-4.2

ASP@L5	1920x1080(i/p)30	
1-point GMC	1280x720p60	15

Popular Containers: AVI, DIVX and M4P

MPEG-4.10 (H.264)

BP@L3	720x480p30, 720x576p25	
MP@L4.0, HP@L4.0	1920x1080(i/p)30 , 1280x720p60	25
HP@L4.1		varied

Popular Containers: MP4 and MOV

WMV9

MP@HL	640x480p60, 1280x720p60, 1920x1080p30	
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Popular Containers: WMV and ASF

SMPTE 421M (VC-1)

MP@HL	1280x720p60, 1920x1080p30	
AP@L3	1920x1080(i/p)30, 1280x720p60	

Audio

CODEC	MAX bit rate	Supported sampling (kHz)
MPEG1-layer 1	448kbps	32, 44.1, 48
MPEG1-layer 2	384kbps	32, 44.1, 48
MPEG1-layer 3	320kbps	16, 22.05, 24, 32, 44.1, 48
MPEG-4 AAC-LC	384kbps	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 64, 88.2, 96
MPEG-4 HE-AAC	384kbps	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48
MPEG-4 BSAC	64kbps	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48
LPCM	36.864Mbps	32, 44.1, 48, 88.2, 96, 192
WMA9	192kbps (CBR)	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 96
WMA9	384kbps (VBR)	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 96
WMA9 Pro	768kbps	32, 44.1, 48
ATRAC3	768kbps	44.1, 48

Images

Maximum JPG resolution supported is 4096x4096 @ 72ppi 24-bit (2048 x 2048 is native) – not progressive scan.
 Recommended: 2048x2048 baseline format (16M, 150 or 300DPI).