

Ratings / Performance

[Camera Section]

CCD image sensor	HL-DV7W: 2/3" 16:9 520,000pixels IT CCD x3 (NTSC) HL-DV7W: 2/3" 16:9 600,000pixels IT CCD x3 (PAL) HL-DV5: 2/3" 4:3 410,000pixels IT CCD x3 (NTSC) HL-DV5: 2/3" 4:3 470,000pixels IT CCD x3 (PAL)
Sensitivity	f11 at 2000 lux
Min Illuminaiton	approx. 0.12 lux (f1.4, +48dB)
S/N	64dB (NTSC), 62dB (PAL)
H Resolution	HL-DV7W: 800TV lines (at center) HL-DV5: 850TV lines (at center)
V Resolution	400TV lines (Super V: Off) NTSC 450TV lines (Super V: Off) PAL 480TV lines (Super V: On) NTSC 570TV lines (Super V: On) PAL
Registration	0.03% or less excluding lens aberration
Smear level	HL-DV7W: -125dB HL-DV5: -120dB
Quantization	10bit
Gain up	-3.0, +3, +6, +9, +12, +18, +30dB
Hyper Gain	+30, +36, +42, +48dB
Shutter(preset)	1/50(PAL/OFF), 1/60(NTSC/OFF), 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000 sec.
Variable Shutter	1/60.3 ~ 1/787 sec (NTSC) 1/50.3 ~ 1/781 sec (PAL)
Lens mount	B4
Optical Filter	3000K, 5600K+1/16ND, 5600K, 5600K+1/64ND
Ext Sync Signal	VBS 1V p-p± 6dB 75Ω or BBS 0.45Vp-p ± 6dB 75Ω
Video Output	VBS 1Vp-p 75Ω
Monitor Output	VBS or VS 1Vp-p 75Ω
Y/C Output(Optional)	Y: 1.0Vp-p 75Ω C: 0.286Vp-p 75Ω

[VTR Section]

■ Video

Bandwidth	Y: 30Hz ~ 5.0MHz± 1.0dB R-Y/B-Y: 30Hz ~ 1.5MHz +1.0dB/-5.0dB
S/N	55dB or more

■ Audio

Audio Sampling	2ch mode PCM48kHz, 16bit Sampling 4ch mode PCM32kHz, 12bit Sampling
Dynamic Range	80dB or more
Audio Distortion	0.08% or less (at 1kHz refer to 48kHz Sampling)

[Overall]

Power Requirement DC +12V (+11V ~ +17V): XLR-4 (Male)

Power Consumption HL-DV7W: Approx. 28W
HL-DV5: Approx. 27W

Ext Dimensions W123.5 x H200 x D326mm
(W4.86 x H7.78 x D12.83 inches)
excluding handles

Weight Approx. 4.5kg (9.92 lbs)
Including 1.5" VF, Microphone

Design and specifications are subject to change without notice.

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