

Ratings / Performance

【Camera Section】

CCD image sensor	HL-DV7AW: 2/3" 16:9 520,000pixels IT CCD×3 (NTSC) HL-DV7AW: 2/3" 16:9 600,000pixels IT CCD×3 (PAL) HL-DV5A: 2/3" 4:3 410,000pixels IT CCD×3 (NTSC) HL-DV5A: 2/3" 4:3 470,000pixels IT CCD×3 (PAL)
Sensitivity	f11 at 2000 lx
Minimum Illumination	approx. 0.12 lx (f1.4+48dB)
S/N	64dB (NTSC) 62dB (PAL)
Horizontal Resolution	HL-DV7W 800TV Lines (at center) HD-DV5 850TV Lines (at center)
Vertical 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: -135dB 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
External Sync Signal	VBS 1Vp-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 (option)	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-DV7AW Approx. 28W HL-DV5A Approx. 27W
External Dimensions	W123.5×H200×D326mm (W4.86×H7.78×D12.83inches) (excluding handle)
Weight	Approx. 4.5kg (9.92 lbs) (including 1.5" VF, Microphone)

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