



www.promax.com/hdtoolkit

(800) 977-6629

## HD Tapeless Camera Comparison Chart

Specifications	Panasonic HPX170	Sony EX3	Sony HVR-Z5U	Panasonic HVX300	JVC GY-HM100u
Weight	4.2 lbs	4.2 lbs w/o Lens	5.8 lbs	5.5lbs	3.1 lbs
Battery Life		210 min w/BP-U60	63 mins	32mins at 1080	2 hours
Interchangeable Lens	No	Yes	No	Yes	No
Lens	Leica (3.9mm – 51 mm F1.6-3.0)		Sony G Lens	LEICA DICOMAR	Fujinon F1.8
Digital Zoom	10X	n/a	30X	n/a	n/a
Optical Sensor (type)	1/3" (3CCD)	3 chip 1/2" Exmor CMOS	3 Progressive 1/3"	3CCD 1/3-inch	1/4" Progressive scan 3CCD
Optical Zoom	13x	14X	20X	13X	10X
Aspect Ratio	16:9 / 4:3		16:9	16:9 / 4:3	16:9
Viewfinder	LCD .44in		.45in Color LCD	.44in Color LCD	.45in Color LCD
Video Format	DVCPRO, DVCPRO HD	MPEG-2 4:2:0 Long GOP	MPEG2 4:2:0	DVCPRO HD, DVCPRO 50	MPEG2 Long GOP, Quick Time
Frame Rate (NTSC) on HQ	1920 x 1080/59.94i	1920 x 1080/59.94i	1920 x 1080/59.94i	60i (480i), 24p, 24pA, 30p	1920 x 1080/59.94i
Audio Recording	Stereo	Linear PCM (2ch, 16bit, 48Khz)	Audio Layer II (2ch, 16-bit, 48 kHz)	48 kHz / Quantizing 16 bits / 4ch	LPCM 2ch, 48kHz/16-bit
Media	P2 Flash Card	8/16/32GB SxS Express Card	PHDVM-63DM Mini Cassette or Compact Flash: Sony CF Card (2GB) – Flash recording requires Sony HVR-MRC1K	P2 Flash Card	Multimedia card/SD card/SDHC card
Recording Time	32GB 32mins	32GB 100mins	63mins Cassette, 72mins Flash	32 mins 1080/60i DVCPRO	360mins on 64GB
<b>Inputs / Outputs</b>					
Genlock In	n/a	BNC	n/a	n/a	n/a



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Time Code In	na	BNC	n/a	IEEE 1394	
Audio In	2 Ch	XLR 3-Pin x2, line/mic/mic	XLR 3-Pin x2, line/mic/mic	XLR (3 pin) x 2	XLR x2 (MIC,+48V/LINE)
Power In	DC	DC 12 V	With the DK-415 connecting cable (BATTERY SLOT)	2P x 1, 7.9V	DC 11V (AC adaptor)
SDI Out	BNC	BNC	NO – HDMI Type A	4-pin, Y/C	
Composite Video Out	Mini D	Mini D	A/V Out Jack: 10-pin connector	Analog composite	φ3.5mm mini jack
S-Video Out	N/A	Y	Optional: A/V Out Jack: 10-pin connector	4-pin, Y/C	HDMI Out
Audio Out	RCA	RCA	A/V Out Jack: 10-pin connector	Pin Jack x 2	φ3.5mm mini jack
Time Code Out	NA	BNC	NA	IEEE 1394	NA
Remote	Infrared	8 Pin	LANC - Stereo mini- mini jack	Mini jack (3.5mm diameter)	Wireless
i.Link	IEEE 1394 4 Pin	IEEE 1394 4 Pin	IEEE 1394 4 Pin	IEEE 1394 4 Pin	NA
USB	2.0	2.0 for MPEG-2 Data Transfer	N/A	2.0	2.0
Retail Price	\$5,695.00	\$9,990.00	\$4,950.00	\$6,310.00	\$3,995.00
More Specifications	<a href="#">More</a>	<a href="#">More</a>	<a href="#">More</a>	<a href="#">More</a>	<a href="#">More</a>
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