

SONY [®] **DVCAM** [™] Low cost 3-CCD Camcorders

Update 5/24/01

Model	DSR-PD100A	DSR-PD150	DSR-250(PAC)
List Price *	\$2,667	\$4,400	\$5,330
Feature/Spec.			
Configuration	Very Compact, One Piece Design. Handheld/tripod	Small, One Piece Design Handheld/tripod	Standard size, One Piece Design Shoulder/tripod mount
Camera Section:			
CCD Type	3 x 1/4", progressive / interlace	3 x 1/3" I.T., progressive/ interlace	3 x 1/3" I.T., progressive/ interlace
Pixels	380k total, 340k effective per CCD	380k total, 340k effective per CCD	380k total, 340k effective per CCD
Horiz. Resolution	500 TVL	530 TVL	>500 TVL
Minimum Illumination	4 Lux	2 Lux	2 Lux @ 18 dB
Lens/ Mount	Integrated, 12:1 (4.3-51.6 mm) with 4X digital zoom Wide angle adapter 0.7x incl	Integrated, 12:1 (6.0-72 mm) with 4X digital zoom	Integrated, 12:1 (6.0-72 mm) with 4X digital zoom
Image Stabilizer	Optical Super SteadyShot®	Optical Super SteadyShot®	Optical Super SteadyShot®
Gain Settings	Variable, on screen setting	Variable, on screen setting	-3,0,3,6,9,12,15,18 dB
Auto Gain Mode	Yes	Yes	Yes
White Balance Modes	Auto, Outdoor, Indoor	Auto, Outdoor, Indoor	Preset, Auto A/B, ATW
Special Features	3.5" color LCD. Still picture with Memory Stick, Digital video effects	Still picture with Memory Stick, Digital video effects incl. keying	Still picture with Memory Stick, Digital video effects incl. keying
Electronic Shutter	1/4,1/8,1/15,1/30,1/60, to 1/10,000	1/4,1/8,1/15,1/30,1/60, to 1/10,000	1/4,1/8,1/15,1/30,1/60, to 1/10,000
Auto Exposure Control	Manual/Auto Iris, ATW, Focus, Gain Presets: 5 different modes	Manual/Auto Iris, ATW, Focus, Gain Presets: 5 different modes	Manual/Auto Iris, ATW, Focus, Gain Presets: 5 different modes
Zebra & color bars	Zebra patterns & full field bars	Zebra patterns & full field bars	Zebra patterns & full field bars
Viewfinder	0.55" color LCD	180 k dot b/w LCD,	1" b.w. , 550 TVL res., OSD On/Off Switch
PhotoMode	Yes, Also still pictures using Memory stick	Yes, Also still pictures using Memory stick	Yes, Also still pictures using Memory stick
Genlock Capability	No	No	No
Video Output	Y/C, composite with special cable (included)	Y/C, composite with special cable (included)	BNC, Y/C
Recorder Section:	DVCAM Record	DVCAM or DV Record	DVCAM or DV Record
Cassette Size(s)	Mini Only	Mini Only	Mini or Standard
Max Rec. Time	40 minutes	DVCAM 40 mins./DV 60 mins.	DVCAM 40/184, DV 60/270 minutes
Digital I/O	i. LINK (DV) 4 pin In/Out	i. LINK (DV) 4 pin In/Out	i. LINK (DV) 6 pin In/Out
Digital Audio Modes	Locked audio, 4ch. 32 kHz or 2ch. 48 kHz	Locked audio, 4ch. 32 kHz or 2ch. 48 kHz	Locked audio, 4ch. 32 kHz or 2ch. 48 kHz
Remote Control	LANC (slave), RMT-811 I/R hand remote included	LANC (slave), RMT-811 I/R hand remote included	RMT-811 infrared hand unit included
Time Code Modes	Drop Frame Gen., Drop/non-drop frame read. No preset.	DVCAM mode: Drop or Non-Drop Frame, Reset or preset. DV mode: Drop Frame, no Preset	DVCAM mode: Drop or Non-Drop Frame, Reset or preset. DV mode: Drop Frame, no Preset
Time Code Input/Output	No	No	No
Microphone	Internal, optional CAC-12 holder for ECM-670	Included (mono unidirectional)	Included (mono unidirectional)
Audio Inputs	1 mic. Input with XLR adapter supplied, 48 v. dc phantom power available	2 ch. Bal. Line or XLR mic., selectable & attenuators. 48 v. dc phantom power for mics.	2 ch. Bal. Line or XLR mic., selectable. 48 v. dc phantom power for mics.
Audio Outputs	Special A/V connectors	Phono 2ch.	Phono 2ch.
Video Outputs	Y/C (S), composite (w/ adapter cable). In/Out shared jacks.	Y/C (S), composite phono shared input/output jacks.	S-video, composite BNC
External Video Input	Y/C (S), composite (w/ adapter cable). In/Out shared jacks.	Y/C (S), composite phono shared input/output jacks.	Y/C (S), composite phono shared input/output
Headphone output	Stereo mini	Stereo mini	Stereo mini
General:			
Weight	1 lb. 15 oz. Camcorder only	3 lb. 5 oz. Camcorder only	9 lb. 5 oz. Camcorder only
Battery	NP-F330 incl.,-F550,-F730H,-F960	NP-F330 incl.,-F550,-F730H,-F960	BP-L40A, -60A, -90A
AC adapter	AC-L10 incl., optional: AC-VQ800	AC-L10 incl., optional: AC-VQ800	CMA-8A, AC-DN1, AC-DN2B
Carrying Case	LCPD100TH	LC-PD150TH, LCDSRSZ	LC-300SZ

*Prices are for basic models and do not include optional lenses or accessories. Please refer to price pages, marketing bulletins and product literature for more details, options and pricing.

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SONY [®] **DVCAM** [™] High Performance 3-CCD Camcorders

Update 5/24/01

Model	DSR-300AL	DSR-500WSL/1	DSR-135L(PAC)	DSR-135WSL(PAC)
List Price *	\$9,350	\$16,200	\$21,320	\$24,180
Feature/Spec.				
Configuration	Compact One Piece Design. Shoulder/tripod mount	Widescreen switchable (16:9/4:3). One Piece Design. Shoulder/tripod mount	4:3 mode only. Camera head with docking VCR. Shoulder/tripod mount	WS switchable (16:9/4:3). Camera head with docking VCR. Shoulder/ tripod mount
Camera Section:				
CCD Type	3 x 1/2" I.T. Power HAD	3 x 2/3" I.T. Power HAD WS CCD array (1038h. x. 504v.)	3 x 2/3" I.T. Power HAD CCD array (811h. x. 508v.)	3 x 2/3" I.T. Power HAD WS CCD array (1038h. x. 504v.)
Pixels	3 x 768h. x 494v. effective (1,138,176 total effective)	3 x 980h. x 494v. effective (1,422,720 total effective)	3 x 768h. x 494v. effective (1,128,176 total effective)	3 x 980h. x 494v. effective (1,422,720 total effective)
Horiz. Resolution	800 TVL	850 TVL 4:3, 800 TVL 16:9	880 TVL	850 TVL 4:3, 800 TVL 16:9
Sensitivity	F. 11.0 @ 2000 Lux	F. 11.0 @ 2000 Lux	F. 11.0 @ 2000 Lux	F. 11.0 @ 2000 Lux
Minimum Illumination	0.5 Lux at F1.4, Hyper (+30dB, DPR)	0.25 Lux at F1.4, Hyper (+36dB, DPR)	0.25 Lux at F1.4, Hyper (+36dB, DPR)	0.25 Lux at F1.4, Hyper (+36dB, DPR)
S/N Ratio	62 dB typical	63 dB typical	63 dB typical	63 dB typical
Lens/ Mount	Sold separately. Sony 1/2" Bayonet Mount, dual hot shoe, 12 pin connector.	Sold separately. Sony 2/3" Bayonet Mount, 12 pin connector.	Sold separately. Sony 2/3" Bayonet Mount, 12 pin connector.	Sold separately. Sony 2/3" Bayonet Mount, 12 pin connector.
Gain Settings	-3, 0,3,6,9,12,18,24 dB	-3,0,3,6,9,12,15,18, 24 dB	-3,0,3,6,9,12,15,18, 24 dB	-3,0,3,6,9,12,15,18, 24 dB
Auto Gain Mode	Yes, & TLCS	Yes, & TLCS		
Hyper Gain Mode	Yes, +30 dB	Yes, +36 or +42 dB	Yes, +36 or +42 dB	Yes, +36 or +42 dB
White Balance Modes	2 Auto, ATW, Presets: 3200/3000, 5600+1/8ND, 5600+1/64ND, 5600	2 Auto, ATW, Vary, Presets: 3200/3000, 5600+1/8 ND, 5600, 5600+1/64ND	2 Auto, ATW, Vary, Presets: 3200/3000, 5600+1/8 ND, 5600, 5600+1/64ND	2 Auto, ATW, Vary, Presets: 3200/3000, 5600+1/8 ND, 5600, 5600+1/64ND
Scene Files	3 Factory, No User	5 Factory, 3 User	5 Factory, 3 User	5 Factory, 3 User
Special Features	TruEye, Dynalatitude, Auto Skin Tone Detail, EZ modes	Switchable Aspect Ratio, TruEye, Dynalatitude, Auto Skin Tone Detail, EZ modes	TruEye, Dynalatitude, Auto Skin Tone Detail, EZ modes	Switchable Aspect Ratio, TruEye, Dynalatitude, Auto Skin Tone Detail, EZ modes
Electronic Shutter	1/100,1/250,1/500,1/1000, 1/2000 plus ClearScan	1/100,1/250,1/500,1/1000, 1/2000 plus ClearScan	1/100,1/250,1/500,1/1000, 1/2000 plus ClearScan	1/100,1/250,1/500,1/1000, 1/2000 plus ClearScan
Auto Exposure Control	Yes, Total Level Control System (iris, AGC, shutter)	Yes, Total Level Control System (iris, AGC, shutter)	Yes, Total Level Control System (iris, AGC, shutter)	Yes, Total Level Control System (iris, AGC, shutter)
Zebra & color bars	Z1 adj., Z2=100, SMPTE bars	Z1 adj., Z2=100, SMPTE bars, SNG Bars	Z1 adj., Z2=100, SMPTE bars, SNG Bars	Z1 adj., Z2=100, SMPTE bars, SNG Bars
Viewfinder	DXF-801, 1.5" b.w., 600 TVL res., adv.ind	DXF-801, 1.5" b.w., 600 TVL res., adv.ind	DXF-801, 1.5" b.w., 600 TVL res., adv.ind	DXF-801, 1.5" b.w., 600 TVL res., adv.ind
Genlock Capability	Video and Time Code	Video and Time Code	Video and Time Code	Video and Time Code
Video Output	Composite & Monitor: BNC, Y/C (S), Component on 26p. avail. (int. switch)	Composite & Monitor: BNC, Y/C (S), Component on 26p. avail. (int. switch)	Composite: BNC Monitor: BNC Y/C (S)	Composite: BNC Monitor: BNC Y/C (S)
ClipLink™ Mode	Index board DSBK-301A	Index board DSBK-301A	Standard	Standard
Recorder Section:				
Cassette Size(s)	Mini or Standard	Mini or Standard	Mini or Standard	Mini or Standard
Max Rec. Time	40 or 184 minutes	40 or 184 minutes	40 or 184 minutes	40 or 184 minutes
Digital I/O	i.LINK output (6pin)	i.LINK output (6pin)	None	None
Digital Audio Modes	2ch. 32 kHz or 4ch. 48 kHz	2ch. 32 kHz or 4ch. 48 kHz	2ch. 32 kHz or 4ch. 48 kHz	2ch. 32 kHz or 4ch. 48 kHz
Remote Control	RM-LG1 for VTR control & ClipLink, 26 Pin VTR, 10pin	RM-LG1 for VTR control and ClipLink, 26 Pin VTR, 10pin	RM-LG1 for VTR control and ClipLink, 10 pin	RM-LG1 for VTR control and ClipLink, 10 pin
Time Code Modes	Drop or Non-Drop Frame, Has T.C. preset, Int./Ext.	Drop or Non-Drop Frame, Has T.C. preset, Int./Ext.	Drop or Non-Drop Frame, Has T.C. preset, Int./Ext.	Drop or Non-Drop Frame, Has T.C. preset, Int./Ext.
Microphone	VF mount monaural uni-directional low Z	VF mount monaural uni-directional low Z	VF mount monaural uni-directional low Z	VF mount monaural uni-directional low Z
Audio Inputs	2 x Bal. Line or Mic. XLR, 48 vdc mic phantom power	2 x Bal. Line or Mic. XLR, 48 vdc mic phantom power	2 x Bal. Line or Mic. XLR, 48 vdc mic phantom power	2 x Bal. Line or Mic. XLR, 48 vdc mic phantom power
Audio Outputs	Phono 2ch.	Phono 2ch.	Phono 2ch.	Phono 2ch.
Video Outputs	VTR: BNC, Y/C (S)	VTR: BNC, Y/C (S)	VTR: BNC, Y/C (S)	VTR: BNC, Y/C (S)
External Video Input	Optional pool feed DSBK-501	Optional pool feed DSBK-501	None	None
Headphone output	Stereo Mini	Stereo Mini	Stereo Mini	Stereo Mini
General:				
Weight	12 lb. 9 oz. w/lens,mic., batt.	13lb.14 oz. incl. BP-L40 batt.		
Battery	BP-L40A, -60A, -90A (Li-Ion)	BP-L40S, -60A, -90A (Li-Ion)	BP-L40A, -60A, -90A (Li-Ion)	
AC adapter	CMA-8A, AC-550,AC-DN1, AC-DN2B	CMA-8A, AC-550,AC-DN1, AC-DN2B	CMA-8A, AC-550,AC-DN1, AC-DN2B	CMA-8A, AC-550,AC-DN1, AC-DN2B
Carrying Case	LC-300SZ (soft), LC-421(hard)	LC-421, LC-423TH		

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