

PRO CAMCORDERS

BUYER'S GUIDE

	Model	Price	Recording Media	Data Format	Max. Video Resolution and (Max. Frame Rate)	Sensor Type and Size	Screen Size and Aspect Ratio	Included Lens	Image Stabilization: optical, digital	Internal ND Filter(s)	Video Output	Microphone Input: 1/8", 1/4", XLR	Wireless Remote	Form Factor: Std = Held in Front Sh = Shoulder; Std = Held in Front Weight
Blackmagic Design www.blackmagicdesign.com	Blackmagic Production Camera 4K	\$3,995	SSD	ProRes 422, CinemaDNG	3840x2160 (30p), 1920x1080 (59.94i)	Super 35 21mm x 12mm	5" LCD 16:9	Not Included	np	np	6G-SDI, Thunderbolt	1/4"	np	Std 3.8lb. (1.7kg.)
	Blackmagic Cinema Camera	\$2,995	SSD	Apple ProRes, Avid DNxHD, CinemaDNG	2432 x 1366 (30p)	15.8mm x 8.9mm	5" LCD 16:9	Not Included	np	np	HD-SDI	1/4" (2)	np	Std 3.8lb. (1.7kg.)
Canon www.usa.canon.com	XF305	\$8,000	CF, SD	MXF, MPEG-2	1920x1080 (60p) NTSC only	CMOS 1/3"	4" LCD 16:9	4.1-73.8mm f/1.6-2.8	optical	np	HD/SD-SDI, HDMI, Component, Composite	XLR (2)	yes	Std 5.9lb. (2.7kg.)
	EOS-1D X	\$6,800	CF	MOV	1920x1080 (30)	36 mm x 24mm (35 mm Full-frame)	3.2" LCD 16:9	np	np	np	NTSC/PAL selectable, Mini HDMI	1/8"	yes	Std 3.0lb. (1.3kg.)
	XF300	\$6,800	CF, SD	MXF, MPEG-2	1920x1080 (60i)	CMOS 1/3"	4" LCD 16:9	4.1-73.8mm f/1.6-2.8	optical	np	HDMI, Component, Composite	XLR (2)	yes	Std 6.5lb. (3.0kg.) with eyecup and lens hood
	EOS C100	\$6,500	SD/SDHC/SDXC	AVCHD	1920x1080 (60i)	Super 35; 24.6mm x 13.8mm	3.5" LCD 16:9	Not Included	np	y	HDMI	1/8"	yes	Std 3.3lb. (1.5kg.)
	EOS 5D Mark III	\$3,500	CF, SD, SDHC, and SDXC	MOV	1920x1080 (30)	36 mm x 24mm (35 mm Full-frame)	3.2" LCD 16:9	np	np	np	NTSC/PAL selectable, Mini HDMI	1/8"	yes	Std 1.9lb. (.9kg.)
	XF100	\$3,300	CF, SD	MXF, MPEG-2	1920x1080 (60i)	CMOS 1/3"	3.5" LCD 16:9	4.25-42.5mm f/1.8-2.8	optical	np	HDMI, Component, Composite	XLR (2)	yes	Std 2.2lb. 1kg.
	XA25	\$3,000	SD/SDHC/SDXC (2)	MPEG4-AVC / H.264	1920x1080 (60p)	CMOS 1/2.84"	3.5" OLED 16:9	3.67-73.4mm f/1.8-2.8	optical	np	HDMI, Composite	XLR (2)	yes	Std 1.7lb. (.8kg.)
	XA20	\$2,500	SD/SDHC/SDXC (2)	MPEG4-AVC / H.264	1920x1080 (60p)	CMOS 1/2.84"	3.5" OLED 16:9	3.67-73.4mm f/1.8-2.8	optical	np	HDMI, Composite	XLR (2)	yes	Std 1.7lb. (.8kg.)
	EOS 6D	\$2,000	SD/SDHC/SDXC	MOV	1920x1080 (30)	35.8mm x 23.9mm (Full-Frame)	3" LCD 16:9	np	np	np	NTSC/PAL selectable, Mini HDMI	1/8"	yes	Std 1.5lb. (.7kg.)
	XA10	\$2,000	Internal flash drive (64GB) or SD/SDHC/SDXC (2)	MPEG4-AVC / H.264	1920x1080 (60i)	CMOS 1/3"	3.5" LCD 16:9	4.25-42.5mm f/1.8-2.8	optical	np	HDMI, Component, Composite	XLR (2)	yes	Std 1.7lb. (.8kg.)
	EOS 7D	\$1,500	CF	MOV	1920x1080 (30)	22.3 x 14.9 mm (APS-C size)	3" LCD 16:9	np	np	np	NTSC/PAL selectable, Mini HDMI	1/8"	yes	Std 1.8lb. (.8kg.)
	EOS 60Da	\$1,500	SD/SDHC/SDXC	MOV	1920x1080 (30)	22.3 x 14.9mm (APS-C size)	3" LCD 16:9	np	np	np	NTSC/PAL selectable, Mini HDMI	1/8"	yes	Std 1.5lb. (.7kg.)
JVC www.pro.jvc.com	GY-HM790U	\$9,995	SDHC (2)	MOV, MP4, AVI	1920x1080 (59.94i)	CCD 1/3" (3)	4.3" LCD 16:9	4.4-61.6mm f/1.6	np	yes	HD/SD-SDI, Component, Composite	XLR (2)	np	Sh 8.2lb. (3.7kg.)
	GY-HM750U	\$7,700	SDHC (2)	MOV, MP4, AVI	1920x1080 (59.94i)	CCD 1/3" (3)	4.3" LCD 16:9	4.4-61.6mm f/1.6	np	yes	HD/SD-SDI, Component, Composite	XLR (2)	np	Sh 7.5lb. (3.3kg.)
	GY-HM710U	\$6,250	SDHC (2)	MOV, MP4, AVI	1920x1080 (59.94i)	CCD 1/3" (3)	4.3" LCD 16:9	4.4-61.6mm f/1.6	np	yes	HD/SD-SDI, Component, Composite	XLR (2)	np	Sh 7.5lb. (3.4kg.)
	GY-HM650U	\$5,995	SDXC/SDHC (2)	MXF, MOV(HD/SD:H.264), MP4(XDCAM EX), MTS(AVCHD)	1920x1080 (59.94i)	CMOS 1/3" (3)	3.5" LCD 16:9	4.1-94.3mm f/1.6-3.0	optical	yes	HDMI, HD/SD-SDI, AV, USB	XLR (2)	np	Std 5.3lb. (2.4kg.)
	GY-HMQ10U	\$5,550	SDHC/SDXC (4)	4K: MPEG-4 AVC/H.264 (MP4), HD: AVCHD/AVCHD	3840x2160 (60p), 1920x1080 (60p)	CMOS 1/2.3"	3.5" LCD 16:9	6.7-67 mm f/2.8-4.5	optical	np	Mini HDMI (4)	XLR (2)	np	Std 3.6lb. (1.7kg.)
	GY-HM600U	\$4,695	SDHC/SDXC (2)	MOV(HD/SD:H.264), MP4(XDCAM EX), MTS(AVCHD)	1920x1080 (59.94i)	CMOS 1/3" (3)	3.5" LCD 16:9	4.1-94.3mm f/1.6-3.0	optical	yes	HDMI, HD-SDI, AV	XLR (2)	np	Std 5.3lb. (2.4kg.)
	GY-HM150U	\$2,495	SDHC/SDXC (2)	MOV MPEG-2, MP4 AVI (SD)	1920x1080 (59.94i)	CCD 1/4" (3)	2.7" LCD 16:9	3.7-37mm/f1.8-2.8	optical	yes	HDMI, Component, Composite	XLR (2)	yes	Std 3.1lb. (1.4kg.)
	GY-HMZ1U	\$1,995	Internal Flash Memory (64GB), SDXC/SDHC/SD Card	MPEG-4 MVC/H.264, AVCHD	2x 1920x1080 (60i) MVC only	CMOS 1/4.1" (2)	3.5" LCD 16:9	3.76 -18.8mm/f1.2-f2.8	optical	np	HDMI	XLR (2)	np	Std 2.2lb. (1.0kg.)
	GY-HM70U	\$1,600	SDHC/SDXC (2)	AVCHD/AVCHD Progressive, MPEG-4 AVC/H.264	1920x1080 (60p), 720x480 (300)	CMOS 1/2.3"	3" LCD 16:9	3.76-37.6mm f/1.2-2.8	optical	np	HDMI, Composite	1/8"	np	Sh 6.7lb. (3.0kg.)
Nikon www.nikon.com	D4	\$6,000	XQD, CF	MOV MPEG-4	1920x1080 (30p), 1280x720 (60p)	36.0 x 23.9mm CMOS	3.2" LCD 3:2	np	np	np	Mini HDMI	1/8"	yes	Std 3.0lb. (1.3kg.)
	D800	\$3,000	SD/SDHC/SDXC/CF	MOV MPEG-4	1920x1080 (30p), 1280x720 (60p)	36.0 x 23.9mm CMOS	3.2" LCD 3:2	np	np	np	Mini HDMI	1/8"	yes	Std 2.2lb. (1kg.)
	D600	\$2,100	SD/SDHC/SDXC	MOV MPEG-4	1920x1080 (30p), 1280x720 (60p)	36.0 x 23.9mm CMOS	3.2" LCD 3:2	np	np	np	Mini HDMI	1/8"	yes	Std 1.9lb. (.9kg.)

	Model	Price	Recording Media	Data Format	Max. Video Resolution and (Max. Frame Rate)	Sensor Type and Size	Screen Size and Aspect Ratio	Included Lens	Image Stabilization: optical, digital	Internal ND Filter(s)	Video Output	Microphone Input: 1/8", 1/4", XLR	Wireless Remote	Form Factor: Sh = Shoulder, Std = Held in Front	Weight
Panasonic www.panasonic.com	AG-HPX370	\$9,995	P2	AVC-Intra 100, AVC-Intra 50, DVCPRO HD/50/DV	1920x1080/60i	MOS 1/3"	3.2" LCD 16:9	np	np	yes	HD/SD-SDI, Composite	XLR (2)	yes	Sh	7.9lb. (3.6kg.)
	AG-HPX250PJ	\$6,355	P2	AVC-Intra 100, AVC-Intra 50, DVCPRO HD/50/DV	1920x1080/60i	3MOS 1/3"	3.5" LCD 16:9	np	np	yes	HDMI, HD/SD-SDI, Composite	XLR (2)	yes	Sh	5.5lb. (2.5kg.)
	AG-AC160A	\$5,400	SD/SDHC/SDXC	MPEG-4 AVC/H.264	1920x1080/60i	3MOS 1/3"	3.5" LCD 16:9	3.9mm to 86mm/f1.6-3.2	optical	yes	HDMI, HD/SD-SDI, Component	XLR (2)	yes	Std	5.3lb. (2.4kg.)
	AG-AF100A	\$4,595	SD/SDHC/SDXC	AVCHD ver.2.0 (MPEG-4 AVC/H.264/AVCHD Progressive)	1920x1080/60p	4/3" MOS	3.5" LCD 16:9	np	np	yes	HDMI, HD/SD-SDI, Component	XLR (2)	yes	Std	2.9lb. (1.3kg.)
	AG-AC130A	\$4,445	SD/SDHC/SDXC	MPEG-4 AVC/H.264	1920x1080/60i	3MOS 1/3"	3.5" LCD 16:9	3.9mm to 86mm/f1.6-3.2	optical	yes	HDMI	XLR (2)	yes	Std	5.3lb. (2.4kg.)
	AG-HPX170PJ	\$3,795	P2	DVCPRO HD/50/DV	1920x1080/60i	3CCD 1/3"	3.5" LCD	3.9mm to 51mm/f1.6-3.0	optical	yes	HD/SD-SDI, Composite, Component	XLR (2)	yes	Std	4.2lb. (1.9kg.)
	HDC-Z10000	\$3,700	SD/SDHC/SDXC	AVCHD ver.2.0 (MPEG-4 AVC/H.264/AVCHD Progressive)	1920x1080/60i	1/4.1" MOS x 3 (2)	3.5" LCD 16:9 Wide 3D	[2D] 2.84 - 34.1 mm F1.5 (WIDE) / F2.8 (TELE), [3D] 2.84 - 28.4 mm F1.5 (WIDE) / F2.7 (TELE)	optical	np	HDMI	XLR (2)	yes	Std	3.5lb. (1.6kg.)
	AG-HMC150PJ	\$3,495	SD/SDHC	AVCHD ver.2.0 (MPEG-4 AVC/H.264/AVCHD Progressive)	1920x1080/60i	3CCD 1/3"	3.5" LCD	3.9mm to 51mm/f1.6-3.0	optical	yes	HDMI, Component, Composite	XLR (2)	yes	Std	3.7 lb. (1.7 kg.)
	AG-HMC80PJ	\$2,550	SD/SDHC	MPEG-4 AVC/H.264	1920x1080/60i	1/4.1" 3MOS	2.7" LCD 16:9	4.0mm to 48mm/f1.8-2.8	optical	yes	HDMI, Component, Composite	XLR (2)	yes	Sh	7.1lb. (3.2kg.)
	AG-AC90A	\$2,250	SD/SDHC/SDXC	AVCHD ver.2.0 (MPEG-4 AVC/H.264/AVCHD Progressive)	1920x1080/60i	1/4.7" 3MOS	3.5" LCD	2.84 mm to 34.1 mm/ f1.5-2.8	optical	np	HDMI, Component	XLR (2)	yes	Std	3.3lb. (1.5kg.)
AG-HMC40PJ	\$2,095	SD/SDHC	MPEG-4 AVC/H.264	1920x1080/60i	1/4.1" 3MOS	2.7" LCD 16:9	4.0mm to 48mm/f1.8-2.8	optical	yes	HDMI, Component	1/8"	yes	Std	2.2lb. (1.0kg.)	
RED www.red.com	Scarlet-X (brain only)	\$7,950	SSD	5K FF/4K HD/3K HD/ 1080p/1K REDCODE RAW	4K (30p), 1920x1080 (60p)	14 MEGAPIXEL MYSTERIUM-X	5" LCD (optional)	np	np	np	HD-SDI, HDMI	1/8" (2)	yes	Std	5lb. (2.3kg.)
Sony Electronics Inc. http://pro.sony.com	NEX-FS700	\$8,460	SD/SDHC/SDXC, Memory Stick PRO Duo Mark2/HG Duo/HG Duo HX, optional 128GB Memory Module	MPEG-4 AVCHD, MPEG-2 PS	1920x1080 (240p) also 960p @ lesser resolutions	Exmor Super35 CMOS	3.5" LCD 16:9	np	np	np	3G HDSOI, HDMI, Composite, Component	XLR (2)	yes	Std	3lb. (1.36kg.)
	PMW-EX1R	\$7,790	ExpressCard/34 slot (2)	MPEG-2 Long GOP HD	1920x1080 (60i)	(3) 1/2-inch type Exmor Full HD CMOS	3.5" LCD 16:9	5.8mm - 81.2 mm f/1.9-16	optical	yes	HD/SD-SDI, HDMI	XLR (2)	np	Std	5.3lb. (2.4kg.)
	NEX-FS100U	\$4,615	SD/SDHC/SDXC, Memory Stick PRO Duo Mark2/HG Duo/HG Duo HX, optional 128GB Memory Module	MPEG-4 AVCHD	1920x1080 (60p)	Exmor Super35 CMOS	3.5" LCD 16:9	np	optical	np	HDMI, Component	XLR (2)	yes	Std	6.1lb. (2.8kg.)
Sony Electronics Inc. (cont.)	HXR-NX5U	\$4,610	Memory Stick PRO Duo/PRO-HG Duo/PRO-HG Duo HX	MPEG-4 AVC/H.264 (AVCHD)	1920x1080 (60i) NTSC Only	3x 1/3" ClearVid CMOS EXMOR	3.2" LCD 16:9	4.1-82mm f/1.6-16	optical	yes	HD/SD-SDI, Component, Composite	XLR (2)	yes	Std	4.9lb. (2.2kg.)
	NEXEA50UH	\$4,200	SD/SDHC/SDXC, Memory Stick PRO Duo Mark2/HG Duo/HG Duo HX, optional 128GB Memory Module	MPEG-4 AVCHD, MPEG-2 PS	1920x1080 60p	Exmor APS HD CMOS	3.5" LCD 16:9	18-200mm f/2.5-5.6	optical	np	3G HDSOI, HDMI, Composite, Component	XLR (2)	yes	Std	3.8lb. (1.7kg.)
	PMW-100	\$3,950	SxS ExpressCard/34	MXF, MPEG HD422 (MPEG-2 422P@HL)	1920x1080 (60i)	1/3"Exmor CMOS sensor (actual size: 1/2.9")	3.5" LCD 16:9	5.4-54 mm f/1.8-2.9	optical	np	HD SDI, HDMI, FireWire, Composite	XLR (2)	np	Std	3.0lb. (1.38kg.)
	HDR-AX2000	\$3,500	Memory Stick PRO Duo MARK2 Media, SD/SDHC/SDXC	MPEG-4 AVC/H.264 AVCHD, MPEG-2 PS	1920x1080 (60i)	1/3" Exmor CMOS (3)	3.2" LCD 16:9	29.5 - 590mm f/1.6-3.4	optical	yes	SD, HDMI, Composite	XLR (2)	yes	Std	4.6lb. (2.1kg.)
	HXR-NX301U	\$3,400	96GB built-in flash memory, Memory Stick PRO Duo/HG Duo/HG Duo HX, SD/SDHC/SDXC	3D : MVC 1920x1080 (60i), MPEG4-AVC H.264 AVCHD, MPEG2-PS	1920x1080 (60p)	1/4" Back-illuminated Exmor R CMOS(2)	3.5" LCD 16:9	3D: 2.9mm - 29mm/f1.8 2D: 2.9mm - 34.8mm/f1.8	optical	np	Mini HDMI, Composite, Component	XLR (2)	yes	Std	2.5lb. (1.2kg with gear)
	NEX-V6900	\$3,300	Memory Stick PRO Duo/HG Duo/PRO-HG HX Duo, SD/SDHC/SDXC	MPEG-4 AVC/H.264 AVCHD	1920x1080 (60p)	35.8 x 23.9mm Full-Frame Exmor HD CMOS	3" LCD 16:9	np	digital	np	Mini HDMI, Composite, Component	1/8"	yes	Std	2.4lb. (1.1kg.)
	HXR-NX70	\$3,200	96GB built-in flash memory, Memory Stick Pro Duo, SD/SDHC/SDXC	MPEG-4 AVCHD	1920x1080 (60p)	1/2.88 type ExmorR CMOS with ClearVid	3.5" LCD 16:9	3.8-38mm f/1.8	optical	np	HDMI, Composite, Component	XLR (2)	yes	Std	1.9lb. (.9kg.)
	SLT-A99V	\$2,800	Memory Stick PRO Duo/Pro-HG Duo and SD/SDHC/SDXC	MPEG4-AVC/H.264	1920x1080 (60p)	35.8 x 23.9mm Exmor CMOS	3" LCD	np	np	np	Mini HDMI	1/8"	yes	Std	1.6lb (.7kg.)
	HXR-NX30U	\$2,300	96GB internal flash memory, Memory Stick PRO Duo/HG Duo/HG Duo HX, SD/SDHC/SDXC	MPEG4-AVC / H.264 AVCHD	1920x1080 (60p) NTSC Only	1/2.88 Native ExmorR	3" LCD 16:9	3.8mm-38 mm f/1.8-3.4	optical	np	HDMI, Component, Composite	XLR (2)	yes	Std	1.4lb. (.6kg.)
	SLT-A77VQ	\$1,800	Memory Stick PRO Duo and SD/SDHC/SDXC	MPEG4-AVC/H.264	1920x1080 (60p)	23.5 x 15.6mm Exmor APS HD CMOS	3" LCD	24-75mm f/2.8-22	optical	np	Mini HDMI	1/8"	yes	Std	1.4lb. (653g)
	NEX-V630	\$1,800	Memory Stick PRO Duo/HG Duo/PRO-HG HX Duo, SD/SDHC/SDXC	MPEG-4 AVC/H.264 AVCHD	1920x1080 (60p)	23.5 x 15.6mm Exmor APS HD CMOS	3" LCD 16:9	np	digital	np	Mini HDMI, Composite, Component	1/8"	yes	Std	3.1lb. (1.4kg)
	HDR-PJ790V	\$1,600	Memory Stick PRO Duo and SD/SDHC/SDXC	MPEG4-AVC/H.264	1920x1080 (60p)	1/2.88" back-illuminated Exmor R CMOS	3" LCD	26-260mm; f/1.8-3.4	optical	np	Micro HDMI, Composite	1/8"	yes	Std	1.3lb. (.6kg.)