

Manufacturer	Model	Price	Recording Media	Data Format	Image Sensor(s)			Optical System				Video Features				Audio Features			Video Input/Output										
					Number of Sensors	Sensor Type	Size of Sensors	f-Stop	Optical Zoom Power	Image Stabilization	Internal ND Filter	Direct Iris/Gain Control	Zebra Stripes	LCD Monitor Size	LCD Aspect Ratio	Standard Mic Input	Audio Level Controls	Headphone Jack	Speaker	FireWire	USB (for Video File Transfer)	Other Digital Video Out	Wireless Remote	Battery Charging	Form Factor	Media Loading Orientation	Accessory Shoe		
Canon www.usa.canon.com	GL2	\$2,799	Mini DV	DV25	3	CCD	1/4"	1.6	20x	o	y	y	y	2.5"	16:9	y	y	y	y	y	n	n	y	ac	std	s	y		
	XL2	\$3,999	Mini DV	DV25	3	CCD	1/3"	1.6	20x	o	y	y	y	2.0"	16:9	y	y	y	y	y	n	n	y	ac	u	s	y		
	XH A1S	\$3,999	Mini DV	DV25/HDV 1080	3	CCD	1/3"	1.6	20x	o	y	y	y	2.8"	16:9	y	y	y	y	y	n	n	y	ac	std	s	y		
	XL H1A	\$5,999	Mini DV	DV25/HDV 1080	3	CCD	1/3"	1.6	20x	o	y	y	y	2.4"	16:9	y	y	y	y	y	n	n	y	ac	sh	s	y		
	XH G1S	\$6,999	Mini DV	DV25/HDV 1080	3	CCD	1/3"	1.6	20x	o	y	y	y	2.8"	16:9	y	y	y	y	y	n	n	HD-SDI	y	ac	std	s	y	
	XL H1	\$8,999	Mini DV	DV25/HDV 1080	3	CCD	1/3"	1.6	20x	o	y	y	y	2.4"	16:9	y	y	y	n	y	n	n	HD-SDI	y	ac	sh	s	y	
	XL H1S	\$8,999	Mini DV	DV25/HDV 1080	3	CCD	1/3"	1.6	20x	o	y	y	y	2.4"	16:9	y	y	y	y	y	n	n	HD-SDI	y	ac	sh	s	y	
Hitachi Kokusai www.hitachikokusai.us	Z-2500ENG2FA	\$14,900	Dockable HDD (40GB provided)	DV25	3	CCD	2/3"	1.9	17x	n	y	y	y	n	n/a	y	y	y	n	y	n	n	n	ac	sh	t	y		
JVC Professional http://pro.jvc.com	GY-HD110U	\$4,495	Mini DV	DV25/HDV 720	3	CCD	1/3"	1.4	16x	n	y	y	y	3.5"	4:3	y	y	y	y	y	n	n	n	ac	sh	s	y		
	GY-HD200UB	\$5,995	Mini DV	DV25/HDV 720	3	CCD	1/3"	1.4	16x	n	y	y	y	3.5"	4:3	y	y	y	y	y	n	n	n	ac	sh	s	y		
	GY-DV5100L17	\$9,899	Mini DV/full-size DV	DV25	3	CCD	1/2"	1.4	17x	n	y	y	y	2.5"	4:3	y	y	y	y	y	n	n	n	ac	sh	t	y		
	GY-HD250U	\$10,995	Mini DV	DV25/HDV 720	3	CCD	1/3"	1.4	16x	n	y	y	y	3.5"	4:3	y	y	y	y	y	n	n	HD-SDI	n	ac	sh	s	y	
Panasonic Broadcast www.panasonic.com	AG-DVC20	\$1,595	Mini DV	DV25	3	CCD	1/6"	1.8	10x	e	y	y	n	2.5	4:3	y	y	y	y	y	n	n	y	ac	sh	s	y		
	AG-HMC70	\$2,495	SDHC	AVCHD 1080	3	CCD	1/4"	1.8	12x	o	n	y	y	3	4:3	y	y	y	y	n	y	HD-SDI	y	ac	sh	s	y		
	AG-DVX100B	\$2,995	Mini DV	DV25	3	CCD	1/3"	1.6	10x	o	y	y	y	3.5	4:3	y	y	y	y	y	n	n	y	ac	std	s	y		
	AG-HMC150	\$3,995	SDHC	AVCCAM 1080	3	CCD	1/3"	1.6	13x	o	y	y	y	3.5	4:3	y	y	y	y	n	y	HD-SDI	y	ac	std	r	y		
	AG-HPX170	\$5,695	P2	DV25/DV50/DVCPRO HD 720/1080	3	CCD	1/3"	1.6	13x	o	y	y	y	3.5	4:3	y	y	y	y	y	y	n	n	HD-SDI	y	ac	std	r	y
	AG-HVX200A	\$5,995	Mini DV/P2	DV25/DV50/DVCPRO HD 720/1080	3	CCD	1/3"	1.6	13x	o	y	y	y	3.5	4:3	y	y	y	y	y	y	n	n	HD-SDI	y	ac	std	s, r	y
Sony Pro http://pro.sony.com	HVR-HD1000U	\$1,950	DVCAM/DV/HDV (mini)	DV25/HDV 1080	3	CMOS	1/2.9"	1.8	10x	o	y	y	y	2.7"	16:9	y	y	y	y	y	n	n	HD-SDI	n	cam	sh	s	y	
	HVR-A1U	\$2,999	DVCAM/DV/HDV (mini)	DV25/HDV 1080	1	CMOS	1/2.9"	1.8	10x	e	n	n	y	2.7"	16:9	y	y	y	y	y	n	n	n	ac	sh	std	b	y	
	DSR-PD170	\$3,980	DVCAM	DV25	3	CCD	1/3"	1.6	12x	o	y	y	y	2.5"	4:3	y	y	y	y	y	n	n	n	ac	sh	std	s	y	
	HVR-V1U	\$4,890	DVCAM	DV25/HDV 1080	3	CMOS	1/4"	1.6	20x	o	y	y	y	3.5"	16:9	y	y	y	y	y	n	n	HD-SDI	y	cam	std	t	y	
	HVR-Z5U	\$4,950	DVCAM	DV25/HDV 1080	3	CMOS	1/3"	1.6	20x	o	y	y	y	3.2"	16:9	y	y	y	y	y	n	n	HD-SDI	y	ac	std	t	y	
	HVR-Z1U	\$5,999	DVCAM	DV25/HDV 1080	3	CCD	1/3"	1.6	12x	o	y	y	y	3.5"	16:9	y	y	y	y	y	n	n	HD-SDI	y	ac	std	t	y	
	HVR-Z7U	\$6,850	DVCAM/DV/HDV (mini)	DV25/HDV 1080	3	CMOS	1/3"	1.6	12x	o	y	y	y	3.2"	16:9	y	y	y	y	y	n	n	HD-SDI	y	ac	std	t	y	
	PMW-EX1	\$7,790	SxS	MPEG-2 720/1080	3	CMOS	1/2"	1.9	14x	o	y	y	y	3.5"	16:9	y	y	y	n	y	y	n	n	HD-SDI	y	ac	std	s	y
	HVR-S270U	\$9,600	DVCAM/DV/HDV (full & mini)	DV25/HDV 1080	3	CMOS	1/3"	1.6	12x	o	y	y	y	3.2"	16:9	y	y	y	y	y	n	n	HD-SDI	n	ac	sh	s	y	
PMW-EX3	\$9,990	SxS	MPEG-2 720/1080	3	CMOS	1/2"	1.9	14x	o	y	y	y	3.5"	16:9	y	y	y	n	y	y	n	n	HD-SDI	y	ac	sh	s	y	

CAMCORDER FEATURE HEADINGS

Recording Media The media onto which the camcorder records. HDD=Hard Drive; SD=Secure Digital; SDHC=Secure Digital High Capacity; MS=Memory Stick

Data Format The type of data recorded by the camcorder, e.g., DVD-Video, DV25, DV50, AVCHD

Image Sensor(s)

Number of Sensors Whether the camcorder uses one or three image sensors.

Sensor Type Whether the camcorder uses CCD (charged coupled device) or CMOS (complementary metal-oxide-semiconductor) image sensors.

Size of Sensors The diagonal measure of the sensor(s), in inches.

Optical System

f-Stop The largest aperture setting of the camcorder's iris.

Optical Zoom Power The maximum magnification of the camcorder's lens without using digital zoom modes.

Image Stabilization If the camcorder offers image stabilization and whether it is electronic (e) or optical (o).

Internal ND Filter Whether the camcorder includes a built-in neutral-density filter.

Video Features

Direct Iris/Gain Control Whether the camcorder offers explicit manual control over the iris and gain setting, as opposed to offering only a simple exposure value control to adjust the camcorder's automatic exposure control. (y/n)

Zebra Stripes Whether the camcorder includes zebra-stripe overexposure indicators. (y/n)

LCD Monitor Size The diagonal size of the camcorder's LCD view-screen, if so equipped.

LCD Aspect Ratio Whether the LCD monitor display is 4:3 (standard-aspect) or 16:9 (widescreen).

Audio Features

Standard Mic Input Whether the camcorder includes a mic input, and, if so, how many jacks are provided and whether they are 1/8" or XLR. Some camcorders allow accessory microphones to be connected only via the camcorder's shoe, but those capabilities are not considered here.

Audio Level Controls The type of audio level controls provided by the camcorder, if so equipped.

Headphone Jack Whether the camcorder includes a headphone jack. (y/n)

Speaker Whether the camcorder includes a speaker. (y/n)

Video Input/Output

FireWire Whether the camcorder includes a FireWire (a.k.a. IEEE 1394 or i.Link) port for sending and receiving digital video. (y/n)

USB (for Video File Transfer) Whether the camcorder can send video files to a computer. Camcorders that have a USB port that can handle only still images are not counted. (y/n)

Other Digital Video Out Whether a camcorder may include an HDMI or HD-SDI port.

Miscellaneous

Wireless Remote Whether the camcorder comes with a wireless remote. (y/n)

Battery Charging Whether batteries must be charged on-camera (cam) or charged solely with the provided AC adaptor (ac).

Form Factor Whether it rests on the shoulder (sh), is held upright (u) or is the standard, held-in-front-of-user design (std).

Media Loading Configuration Whether it loads tapes, discs or cards from the top (t), bottom (b), side (s), rear (r) or front (f).

Accessory Shoe Whether the camcorder includes a shoe for mounting accessories (such as lights or microphones). (y/n)

np Information not provided by manufacturer.