



HC-X1000GC Full HD Video Camera Recorder (Camcorder)

SENSOR SECTION	MAIN SENSOR	Image Sensor	1/2.3" MOS Sensor (For North America / Asia)
		Total Pixels	18.91 megapixels
		Effective Pixels (Motion Image)	8.85 megapixels [17:9], 8.29 megapixels [16:9]
		Effective Pixels (Still Image)	8.85 megapixels [17:9], 8.29 megapixels [16:9]
LENS SECTION	MAIN LENS	F Value	F1.8 — F3.6
		Optical Zoom	20x
		Focal Length	4.08 — 81.6 mm
		35 mm Film Camera Equivalent (Motion Image)	29.5 — 600 mm [17:9], 30.8 — 626 mm [16:9]
		35 mm Film Camera Equivalent (Still Image)	29.5 — 600 mm [17:9], 30.8 — 626 mm [16:9]
	Filter Diameter	49 mm	
	Lens Brand	Leica Dicomar Lens	
CAMERA SECTION	Standard Illumination		1400 lx
	Minimum Illumination		4 lx (Super Gain 30dB, Shutter 1/30)
	Focus		Auto / Manual
	Zoom	Intelligent Zoom OFF	20x
		Intelligent Zoom ON	40x*
		Digital Zoom	2x / 5x / 10x
	ND Filter		1/4, 1/16, 1/64, OFF
	White Balance		Auto / 3200K / 5600K / VAR (2400K—9900K) / Ach Fixed / Bch Fixed
	Shutter Speed	Motion Image	60p / 60i / 30p: 1/8 — 1/8000
		Motion Image	50p / 50i : 1/6 — 1/8000
Motion Image		25p: 1/6 — 1/8000	

	Motion Image	24p: 1/6 — 1/8000	
	Iris	Auto / Manual	
	Image Stabilizer	C4K/4K: POWER O.I.S.	
	Image Stabilizer	Full-HD or lower: 5-axis HYBRID O.I.S.+ with Active Mode	
RECORDING SECTION	Recording Media	SDHC/SDXC Memory Card	
	Recording Format	MOV (LPCM) / MP4 (LPCM) / MP4	
	Recording Format	AVCHD: AVCHD Progressive	
	Video Compression Method	MPEG-4 AVC/H.264	
	Audio Compression Method	MOV: LPCM (2ch)	
	Audio Compression Method	MP4: LPCM / AAC (2ch)	
	Audio Compression Method	AVCHD: Dolby Digital (2ch)	
	System Frequency	59.94Hz / 50.00Hz	
	Recording Mode/ Playback Mode	MP4	4096x2160 24p 100M: Average 100Mbps (VBR), LPCM
		MP4	3840x2160 60p/50p 150M: Average 150Mbps (VBR), LPCM
		MP4	3840x2160 30p/25p 100M: Average 100Mbps (VBR), LPCM or AAC
		MP4	3840x2160 24p 100M: Average 100Mbps (VBR), LPCM
		MP4	1920x1080 60p/50p 200M (ALL-Intra): Average 200Mbps (VBR), LPCM
MP4		1920x1080 60p/50p 100M: Average 100Mbps (VBR), LPCM	
MP4		1920x1080 60p/50p 50M: Average 50Mbps (VBR), LPCM or AAC	
MP4		1920x1080 30p/25p 200M (ALL-Intra): Average 200Mbps (VBR), LPCM	
MP4		1920x1080 30p/25p 50M: Average 50Mbps (VBR), LPCM	
MP4		1920x1080 24p 200M (ALL-Intra): Average 200Mbps (VBR), LPCM	
MP4	1920x1080 24p 50M: Average 50Mbps (VBR), LPCM		

		MOV	1920x1080 60p/50p 200M (ALL-Intra): Average 200Mbps (VBR), LPCM
		MOV	1920x1080 60p/50p 100M: Average 100Mbps (VBR), LPCM
		MOV	1920x1080 60p/50p 50M: Average 50Mbps (VBR), LPCM
		MOV	1920x1080 30p/25p 200M (ALL-Intra): Average 200Mbps (VBR), LPCM
		MOV	1920x1080 30p/25p 50M: Average 50Mbps (VBR), LPCM
		MOV	1920x1080 24p 200M (ALL-Intra): Average 200Mbps (VBR), LPCM
		MOV	1920x1080 24p 50M: Average 50Mbps (VBR), LPCM
		AVCHD	PS 1080 60p/50p: 1920x1080, Average 28Mbps (VBR)
		AVCHD	PH 1080 60i/50i: 1920x1080, Average 24Mbps (VBR)
		AVCHD	HA 1080 60i/50i: 1920x1080, Average 17Mbps (VBR)
		AVCHD	HE 1080 60i/50i: 1440x1080, Average 5Mbps (VBR)
		AVCHD	PM 720 60p/50p: 1280x720, Average 8Mbps (VBR)
	Thumbnail Display		20 thumbnails/page, 9 thumbnails/page, 1 thumbnail/page
	Microphone		Stereo Microphone
	Speaker		Dynamic type
STILL IMAGE SECTION	Recording Format		JPEG (DCF/Exif2.2)
	Recording Image Size	Still Image	[17:9] 8.8megapixels (4096 x 2160)
		Still Image	[16:9] 8.3megapixels (3840 x 2160), 2.1 megapixels (1920 x 1080)
	Flash		—
GENERAL SECTION	Power Supply		7.2V (Battery) / 12V (AC Adaptor)
	Power Consumption		15.4W (LCD Monitor) / 14.3W (Viewfinder)
	Dimensions (W x H x D)		Approx. 160 x 170 x 315 mm (6.3 x 6.69 x 12.4 inch)
	Weight (w/o battery and SD card)		Approx. 1550g (3.42 lb)
	LCD Monitor		3.5" Wide LCD monitor (1,152,000 dots)

View Finder		0.45" Wide EVF (1,226,880 dots)
Manual Ring		Focus / Zoom / Iris
Interface	AV	Yes
	HDMI	Type A
	XLR Input	XLR (3 pins) x 2
	XLR Input	Line: 0dBu/+4dBu, Mic: -40dBu/-50dBu/-60dBu
	Headphone	Yes (3.5mm stereo mini)
	USB	Micro-B: USB 3.0 SuperSpeed
	USB	Type A: USB 3.0 SuperSpeed, Host (for USB HDD**), Bus Power Supply
	Camera Remote	2.5mm super mini jack x 1 (ZOOM S/S), 3.5mm mini jack x 1 (FOCUS/IRIS)
LED Video Light		—
Accessory Shoe		Yes
Wi-Fi	Standard	IEEE 802.11b/g/n
	Frequency	2.4GHz band
	NFC	Yes
STANDARD ACCESSORY	AC Adaptor	Yes
	AC Cable	Yes (2 Cables)
	Rechargeable Battery Pack	Yes (5,800mAh)
	Battery Charger	Yes
	IR Remote	—
	HDMI Cable	Yes (High Speed HDMI Cable)
	AV Multi Cable	—
	AV Cable	—
	Shoe adaptor	—
	USB Cable	Yes
	Microphone holder	Yes

	Microphone Holder Screws	Yes (2 Screws)
	Input Terminal Cap	Yes (2 Caps)
	Shoulder strap	Yes
	Eye Cap	Yes
	Editing Software	HD Writer XE2.0 (Downloadable)
NOTE		* For recording formats with 1920 x 1080 resolution or lower.
NOTE		** USB hard disks with a capacity of 32 GB or less, or more than 2 TB, cannot be used.
NOTE		Specifications are subject to change without notice.

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