



4K Ultra HD Camcorder HC-VXF1

SENSOR SECTION	SENSOR FOR MAIN CAMERA	Image Sensor	1/2.5-type BSI MOS Sensor
		Total Pixels	8.57 megapixels
		Effective Pixels [Motion Image]	4K: 8.29 megapixels [16:9], Full-HD: 6.17 megapixels [16:9] (Level Shot Function OFF or Normal)
		Effective Pixels [Still Image]	8.29 megapixels [16:9]
		Effective Pixels [Still Image]	6.22 megapixels [4:3]
	SENSOR FOR SUB CAMERA	Image Sensor	—
		Total Pixels	—
LENS SECTION	LENS FOR MAIN CAMERA	F Value	F1.8 (WIDE) / F4.0 (TELE)
		Optical Zoom	24x
		Focal Length	4.12 – 98.9 mm (Optical Zoom: 24x)
		35 mm Film Camera Equivalent [Motion Image (16:9)]	4K/Full-HD 24p: 25 – 600 mm*, Full-HD 50p/50i/25p: 28.9 – 693.7 mm*
		35 mm Film Camera Equivalent [Motion Image (16:9)]	* 16:9, Level Shot Function OFF or Normal
		35 mm Film Camera Equivalent [Still Image]	25.0mm – 600mm (16: 9) / 30.6mm – 734.4mm (4: 3)
		Filter Diameter	62 mm
		Lens Brand	Leica Dicomar Lens
	LENS FOR SUB CAMERA	F Value	—
		Focal Length	—
		35 mm Film Camera Equivalent [Motion Image]	—
CAMERA SECTION	Standard Illumination		1400 lx
	Minimum Illumination		1.5 lx (Scene Mode Low Light 1/25), 0.5 lx (Night Mode (Color), 0 lx (Night Mode (IR))
	Focus		Auto / Manual
	Zoom	Intelligent Zoom OFF	24x

			Intelligent Zoom ON	4K: 32x, Full-HD: 48x
			Digital Zoom	70x / 250x (The maximum value of zoom magnification can be set in two patterns)
	White Balance			Auto / White Set / Sunny / Cloudy / Indoor1 / Indoor2 / Variable
	Shutter Speed	Motion Image		Auto Slow Shutter ON : 1/25 – 1/8000 (50p / 50i / 25p), 1/24 – 1/8000 (24p)
		Motion Image		Auto Slow Shutter OFF: 1/50 – 1/8000 (50p / 50i / 25p), 1/48 – 1/8000 (24p)
		Still Image		1/2 – 1/2000
	Iris			Auto / Manual
	Image Stabilizer			5-axis HYBRID O.I.S.+ with Active Mode, O.I.S. Lock, Level Shot Function (Strong mode: 2K only), Ball O.I.S., Adaptive O.I.S.
	Active Cotnrast			Yes
	HDR Movie (Except 4K Mode)			Yes
	Creative Control (Except 4K Mode)			Miniature Effect, Silent Movie, 8mm Movie, Time Lapse Rec
RECORDING SECTION	Recording Media			SD/SDHC/SDXC Memory Card
	Recording Format			[AVCHD] AVCHD Progressive
	Recording Format			[MP4] MP4
	Compression Method			MPEG-4 AVC/H.264
	Recording/ Playback Mode	AVCHD		1080/50p (28Mbps / VBR), (1920 x 1080/50p)
		AVCHD		PH (24Mbps / VBR), (1920 x 1080/50i)
		AVCHD		HA (17Mbps / VBR), (1920 x 1080/50i)
		AVCHD		HG (13Mbps / VBR), (1920 x 1080/50i)
		AVCHD		HE (5Mbps / VBR), (1920 x 1080/50i)
		MP4		2160p/25p(72M) (72Mbps / VBR), (3840 x 2160)
		MP4		2160p/24p(72M) (72Mbps / VBR), (3840 x 2160)
		MP4		1080p/50p(50M) (50Mbps / VBR), (1920 x 1080)
		MP4		1080p/50p(28M) (28Mbps / VBR), (1920 x 1080)
		MP4		1080p/24p(50M) (50Mbps / VBR), (1920 x 1080)
		MP4		720p/25p(9M) (9Mbps / VBR), (1280 x 720)
iFrame		-		

	Actual Recordable Time with Supplied Battery (LCD OFF)		4K MP4	Approx. 45 min
			50p mode	Approx. 55 min
			PH mode	Approx. 55 min
			HA mode	Approx. 55 min
			HG mode	Approx. 55 min
			HE mode	Approx. 55 min
			2160p/24p	Approx. 50 min
			1080p/24p	Approx. 55 min
			MP4 50M	Approx. 55 min
			MP4 28M	Approx. 55 min
			MP4 720p	Approx. 1 h 5 min
Thumbnail Display			6 thumbnails/page, 1 thumbnail/page	
Audio Recording System			AVCHD: Dolby Audio (5.1ch / 2ch)	
Audio Recording System			MP4: AAC (2ch)	
Microphone			5.1ch Surround, Zoom, Focus and Stereo Microphone	
Speaker			Dynamic type	
STILL IMAGE SECTION	Recording Format		JPEG (DCF/Exif2.2)	
	Recording Image Size	Still Image	[16:9] 25.9megapixels (6784 x 3816), 14 megapixels (4992 x 2808), 2.1 megapixels (1920 x 1080)	
		Still Image	[4:3] 20.4 megapixels (5216 x 3912), 10.9 megapixels (3808 x 2856), 0.3 megapixels (640 x 480)	
		Simultaneous Recording	Full-HD only: [16:9] 14.0 megapixels (4992 x 2808), 2.1 megapixels (1920 x 1080)	
	Flash		-	
GENERAL SECTION	Power Supply		3.6V (Battery) / 5.0V (AC Adaptor)	
	Power Consumption		Max. 6.4W (Recording) / Max. 7.7W (Charging)	
	Dimensions (W x H x D)		Approx. 69 x 77 x 167 mm (2.717 x 3.032 x 6.575 inch)	
	Weight (w/o battery and SD card)		Approx. 450 g (0.992 lb)	
	LCD Monitor		7.5cm (3.0-type) Wide LCD monitor (460,800 dots)	
	Touch Panel		Yes	
	View Finder		0.24-inch Wide EVF (1.555.200 dots equivalent)	

	Manual Ring / Dial		Yes (Ring)
	Interface	AV	–
		HDMI	Yes (micro)
		Microphones (stereo mini)	Yes
		LINE-IN (stereo mini)	Yes (Shared with mic jack)
		Headphone (stereo mini)	Yes
		USB	2.0 Hi-Speed
		USB Charge	Yes
	LED Video Light		–
	Accessory Shoe		Yes (cold)
	Lens Cover		Yes (Auto)
	On-Screen Display Language		English, Chinese Traditional, Chinese Simplified, Thai, Arabian, Persian, Hindi
Wi-Fi		Standard	IEEE 802.11b/g/n
		Frequency	2.4GHz band
		NFC	–
STANDARD ACCESSORY		AC Adaptor	Yes
		AC Cable	–
		DC Cable	Yes (USB Type)
		Rechargeable Battery Pack	Yes (1,940mAh)
		Battery Charger	–
		IR Remote	–
		HDMI Cable	Yes (micro)
		AV Multi Cable	–
		AV Cable	–
		Shoe adaptor	– (Built-in)
		Lens Hood	Yes
		USB Cable	Yes
		Editing Software	HD Writer AE 5.4 (Download)