



4k Handheld Camcorder with Zoom Lens I HC-VX1

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]/6.22 megapixels [4:3]
SENSOR FOR SUB CAMERA		Image Sensor	–
		Total Pixels	–
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 [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))
	Focus		Auto / Manual
	Zoom	Intelligent Zoom OFF	24x
		Intelligent Zoom ON	4K: 32x, Full-HD: 48x

		Digital Zoom	70x / 1500x (The maximum value of zoom magnification can be set in two patterns)
	White Balance		Auto / White Set / Sunny / Cloudy / Indoor1 / Indoor2
	Shutter Speed	Motion Image	Auto Slow Shutter ON : 1/25 – 1/8000 (50p / 50i / 25p), 1/24 – 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/[MP4] MP4
	Compression Method		MPEG-4 AVC/H.264
	Recording/ Playback Mode	AVCHD	1080/50p (28Mbps / VBR), (1920 x 1080/50p)/PH (24Mbps / VBR), (1920 x 1080/50i)/HA (17Mbps / VBR), (1920 x 1080/50i)/HG (13Mbps / VBR), (1920 x 1080/50i)/HE (5Mbps / VBR), (1920 x 1080/50i)
		MP4	2160p/25p(72M) (72Mbps / VBR), (3840 x 2160)/2160p/24p(72M) (72Mbps / VBR), (3840 x 2160)/1080p/50p(50M) (50Mbps / VBR), (1920 x 1080)/1080p/50p(28M) (28Mbps / VBR), (1920 x 1080)/1080p/24p(50M) (50Mbps / VBR), (1920 x 1080)/720p/25p(9M) (9Mbps / VBR), (1280 x 720)
		iFrame	-
	Actual Recordable Time with Supplied Battery (LCD OFF)		Approx. 45 min (4K MP4)/Approx. 55 min (50p mode)/Approx. 55 min (PH mode)/Approx. 55 min (HA mode)/Approx. 55 min (HG mode)/Approx. 55 min (HE mode)/Approx. 50 min (2160p/24p)/Approx. 55 min (1080p/24p)/Approx. 55 min (MP4 50M)/Approx. 55 min (MP4 28M)/Approx. 1 h 5 min (MP4 720p)
	Thumbnail Display		6 thumbnails/page, 1 thumbnail/page
	Audio Recording System		AVCHD: Dolby Audio (5.1ch / 2ch)/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)/[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. 68 x 77 x 142 mm (2.677 x 3.032 x 5.591 inch)
	Weight (w/o battery and SD card)		Approx. 428 g (0.944 lb)
	LCD Monitor		7.5cm (3.0-type) Wide LCD monitor (460,800 dots)
	Touch Panel		Yes
	View Finder		–
	Manual Ring / Dial		–
	Interface	AV	–
		HDMI	Yes (micro)
		Microphones (stereo mini)	Yes
		LINE-IN (stereo mini)	–
		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, German, French, Italian, Spanish, Polish, Czech, Netherlandic, Turkish, Swedish
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)