



Clifton Cameras Product Specification

Panasonic HC-VX1EB-K 4K Video Camera

Specifications

SENSOR SECTION

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]

LENS SECTION

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 60p/60i/30p: 28.9 – 693.7 mm* * 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

CAMERA SECTION

Standard Illumination:	1400 lx
Minimum Illumination:	1.5 lx (Scene Mode Low Light 1/30), 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 : 1/30 – 1/8000 (60p / 60i / 30p), 1/24 – 1/8000 (24p) Auto Slow Shutter OFF: 1/60 – 1/8000 (60p / 60i / 30p), 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 Contrast:	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 MPEG-4 AVC/H.264

Recording/ Playback Mode

AVCHD:	1080/60p (28Mbps / VBR), (1920 x 1080/60p) PH (24Mbps / VBR), (1920 x 1080/60i) HA (17Mbps / VBR), (1920 x 1080/60i) HG (13Mbps / VBR), (1920 x 1080/60i) HE (5Mbps / VBR), (1920 x 1080/60i)
MP4:	2160p/30p(72M) (72Mbps / VBR), (3840 x 2160) 2160p/24p(72M) (72Mbps / VBR), (3840 x 2160) 1080p/60p(50M) (50Mbps / VBR), (1920 x 1080) 1080p/60p(28M) (28Mbps / VBR), (1920 x 1080) 1080p/24p(50M) (50Mbps / VBR), (1920 x 1080) 720p/30p(9M) (9Mbps / VBR), (1280 x 720)
Actual Recordable:	Time with Supplied Battery (LCD OFF) Approx. 45 min (4K MP4) Approx. 50 min (60p mode) Approx. 50 min (PH mode) Approx. 50 min (HA mode) Approx. 50 min (HG mode) Approx. 50 min (HE mode) Approx. 50 min (2160p/24p) Approx. 1 h 0 min (1080p/24p)
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)
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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:	No

GENERAL SECTION

Power Supply:	3.6V (Battery) / 5.0V (AC Adaptor)
Power Consumption:	TBD
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:	3.0-inch Wide LCD monitor (460,800 dots)
Touch Panel:	Yes
View Finder:	No
Manual Ring / Dial:	No

Interface

AV:	No
HDMI:	Yes (micro)
Microphones (stereo mini):	Yes
LINE-IN (stereo mini):	No
Headphone (stereo mini):	Yes
USB:	2.0 Hi-Speed
USB Charge:	Yes
LED Video Light:	No
Accessory Shoe:	Yes (cold)
Lens Cover:	Yes (Auto)
On-Screen Display Language:	EB

Wi-Fi

Standard:	IEEE 802.11b/g/n
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Frequency:	2.4GHz band
NFC:	No
STANDARD ACCESSORY	
AC Adaptor:	Yes
AC Cable:	No
DC Cable:	Yes (USB Type)
Rechargeable Battery Pack:	Yes (1,940mAh)
Battery Charger:	No
IR Remote:	No
HDMI Cable:	Yes (micro)
AV Multi Cable:	No
AV Cable:	No
Shoe adaptor:	(Built-in)
Lens Hood:	Yes
USB Cable:	Yes
Editing Software:	HD Writer AE 5.4 (Download)