

4K HD Camcorder with 20X LEICA DICOMAR Stabilized Lens and WiFi Twin Video Camera - HC-VX981K HC-VX981K

- **SENSOR SECTION**
 - *SENSOR FOR MAIN CAMERA*
 - Image Sensor 1/2.3-inch BSI MOS Sensor
 - Total Pixels 18.91 megapixels
 - *Effective Pixels*
 - Motion Image 4K: 8.29 megapixels [16:9], Full-HD: 6.10 megapixels [16:9] (Level Shot Function OFF or Normal)
 - Still Image 7.00 megapixels [3:2]
 - 8.29 megapixels [16:9]
 - 6.22 megapixels [4:3]

- **SENSOR FOR SUB CAMERA**
 - Image Sensor –
 - Total Pixels –

- **LENS SECTION**
 - *LENS FOR MAIN CAMERA*
 - F Value F1.8 (WIDE) / F3.6 (TELE)
 - Optical Zoom 20x
 - Focal Length 4.08 – 81.6 mm
 - *35 mm Film Camera Equivalent*
 - Motion Image (16:9) 4K: 30.8 – 626 mm (Level Shot Function OFF), Full-HD: 37.0 – 752 mm (Level Shot Function OFF or Normal)
 - Still Image 34.5 – 690.3 mm [3:2]
 - 30.8 – 626 mm [16:9]
 - 37.6 – 752.8 mm [4:3]
 - Filter Diameter 49 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 2 lx (Scene Mode Low Light 1/30), 1 lx (Night Mode (Color)), 0 lx (Night Mode (IR))
 - Focus Auto / Manual
 - *Zoom*
 - Intelligent Zoom OFF 20x
 - Intelligent Zoom ON 4K: 25x, Full-HD: 40x
 - Digital Zoom 60x / 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 HYBRID O.I.S.+ with Active Mode, O.I.S. Lock, Level Shot Function (Strong mode: 2K)
 - HDR Movie (Except 4K Mode) Yes
 - Creative Control (Except 4K Mode) Miniature Effect, Silent Movie, 8mm Movie, Time Lapse Rec
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• RECORDING SECTION

- Recording Media SD/SDHC/SDXC Memory Card
- Recording Format [AVCHD] AVCHD Progressive
- [iFrame / MP4] MP4
- Compression Method 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)
- iFrame 960 x 540/30p (28Mbps / VBR)
- Actual Recordable Time with Supplied Battery 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)
 - Approx. 50 min (MP4 50M)
 - Approx. 50 min (MP4 28M)
 - Approx. 55 min (MP4 720p)
 - Approx. 55 min (iFrame)
 - Thumbnail Display 20 thumbnails/page, 9 thumbnails/page, 1 thumbnail/page
 - Audio Recording System AVCHD: Dolby Digital (5.1ch / 2ch)
 - iFrame, MP4: AAC (2ch)
 - Microphone 5.1ch Surround, Zoom, Focus and Stereo Microphone
 - Speaker Dynamic type
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• 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)
 - [3:2] 20 megapixels (5472 x 3648), 10.6 megapixels (3984 x 2656) , 2.0 megapixels (1728 x 1152)
 - [4:3] 20.4 megapixels (5216 x 3912), 10.9 megapixels (3808 x 2856), 0.3 megapixels (640 x 480)
 - Simultaneous Recording 4K MP4: [16:9] 20.4 megapixels (6016 x 3384), 8.3 megapixels (3840 x 2160)
 - Other than 4K MP4: [16:9] 14.0 megapixels (4992 x 2808), 2.1 megapixels (1920 x 1080)
 - Flash –
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• GENERAL SECTION

- Power Supply 3.6V (Battery) / 5.0V (AC Adaptor)
- Power Consumption Max. 7.1W (Recording) / Max. 7.7W (Charging)
- Dimensions (W x H x D) Approx. 65 x 73 x 139 mm (2.559 x 2.874 x 5.472 inch)
- Weight (w/o battery and SD card) Approx. 351g (0.774 lb)
- LCD Monitor 3.0-inch Wide LCD monitor (460,800 dots)
- Touch Panel Yes
- View Finder –
- Manual Ring / Dial Yes (Dial)

- *Interface*
 - AV Yes
 - HDMI Yes (micro)
 - Microphone (stereo mini) Yes
 - Headphone (stereo mini) Yes
 - USB 2.0 Hi-Speed
 - USB Charge Yes
 - LED Video Light Yes
 - Accessory Shoe Yes (cold)
 - Lens Cover Yes (Auto)
 - On-Screen Display Language Please refer to "OSD" sheet
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- **Wi-Fi**

- Standard IEEE 802.11b/g/n
 - Frequency 2.4GHz band
 - NFC –
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- **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 Yes
 - Lens Hood Yes
 - USB Cable Yes
 - Editing Software HD Writer AE 5.3 (Download)
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- ◦ **UPC885170266285**
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