



## 4K Camcorder, 24X LEICA DICOMAR Lens, 1/2.5" BSI Sensor, Three O.I.S. Stabilizer Systems, HDR Mode, Wireless Multi-Camera Capture - HC-VX1K HC-VX1K

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- **SENSOR SECTION**

- *SENSOR FOR MAIN CAMERA*

- Image Sensor 1/2.5-inch 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 –
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- **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)] N/A
    - 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] –
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## • 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
  - White Balance Auto / White Set / Sunny / Cloudy / Indoor1 / Indoor2
  - Iris Auto / Manual
  - Image Stabilizer 5-axis HYBRID O.I.S.+ with Active Mode, O.I.S. Lock, Level Shot Function (Strong mod 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
  - *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)
  - *Shutter Speed*
  - Motion Image Auto Slow Shutter ON : 1/30 – 1/8000 (60p / 60i / 30p), 1/24 – 1/8000 (24p)
  - Motion Image Auto Slow Shutter OFF: 1/60 – 1/8000 (60p / 60i / 30p), 1/48 – 1/8000 (24p)
  - Still Image 1/2 – 1/2000
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## • 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
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 45 min (4K MP4)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 50 min (60p mode)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 50 min (PH mode)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 50 min (HA mode)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 50 min (HG mode)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 50 min (HE mode)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 50 min (2160p/24p)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 55 min (1080p/24p)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 50 min (MP4 50M)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 50 min (MP4 28M)
- Actual Recordable Time with Supplied Battery (LCD OFF) Approx. 1 h 0 min (MP4 720p)

- 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
  - *Recording/ Playback Mode*
  - AVCHD 1080/60p (28Mbps / VBR), (1920 x 1080/60p)
  - AVCHD PH (24Mbps / VBR), (1920 x 1080/60i)
  - AVCHD HA (17Mbps / VBR), (1920 x 1080/60i)
  - AVCHD HG (13Mbps / VBR), (1920 x 1080/60i)
  - AVCHD HE (5Mbps / VBR), (1920 x 1080/60i)
  - MP4 2160p/30p(72M) (72Mbps / VBR), (3840 x 2160)
  - MP4 2160p/24p(72M) (72Mbps / VBR), (3840 x 2160)
  - MP4 1080p/60p(50M) (50Mbps / VBR), (1920 x 1080)
  - MP4 1080p/60p(28M) (28Mbps / VBR), (1920 x 1080)
  - MP4 1080p/24p(50M) (50Mbps / VBR), (1920 x 1080)
  - MP4 720p/30p(9M) (9Mbps / VBR), (1280 x 720)
  - iFrame -
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## • STILL IMAGE SECTION

- Recording Format JPEG (DCF/Exif2.2)
  - Flash -
  - *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)
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## • 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 3.0-inch Wide LCD monitor (460,800 dots)
- Touch Panel Yes
- View Finder –

- **Manual Ring / Dial –**
- **LED Video Light –**
- **Accessory Shoe Yes (cold)**
- **Lens Cover Yes (Auto)**
- **On-Screen Display Language English, French, Spanish, Chinese Traditional**
- *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**

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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 – (Built-in)**
- **Lens Hood Yes**
- **USB Cable Yes**
- **Editing Software HD Writer AE 5.4 (Download)**

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- **NOTES**

- **NOTE N/A**

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- ◦ **UPC885170332362**
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