

# 4K Ultra HD Camcorder with Wireless Smartphone Twin Video Capture HC-VX870K HC-VX870K

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- **SENSOR SECTION**

- *SENSOR FOR MAIN CAMERA*

- Image Sensor 1/2.3" 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
    - Effective Pixels (Still Image) 7.00 megapixels [3:2]
    - 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) / F3.6 (TELE)
    - Optical Zoom 20x
    - Focal Length 4.08 – 81.6 mm
    - 35 mm Film Camera Equivalent (Motion Image) 4K: 30.8 – 626 mm [16:9], Full-HD: 37.0 – 752 mm [16:9] Level Shot Function OFF or Normal
    - 35 mm Film Camera Equivalent (Still Image) 34.5 – 690.3 mm [3:2]
    - 35 mm Film Camera Equivalent (Still Image) 30.8 – 626 mm [16:9]
    - 35 mm Film Camera Equivalent (Still Image) 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) –
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- **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 [60p / 60i]
  - Motion Image Auto Slow Shutter ON : 1/30 – 1/8000
  - Motion Image Auto Slow Shutter OFF : 1/60 – 1/8000
  - 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
  - Creative Control 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
- Recording Format [iFrame / MP4] MP4
- Compression Method MPEG-4 AVC/H.264
- Recording/ Playback Mode 1080/60p (28Mbps / VBR), (1920 x 1080/60p)
- Recording/ Playback Mode PH (24Mbps / VBR), (1920 x 1080/60i)
- Recording/ Playback Mode HA (17Mbps / VBR), (1920 x 1080/60i)
- Recording/ Playback Mode HG (13Mbps / VBR), (1920 x 1080/60i)
- Recording/ Playback Mode HE (5Mbps / VBR), (1920 x 1080/60i)
- Recording/ Playback Mode MP4/2160p(72M) (72Mbps / VBR), (3840 x 2160/30p)
- Recording/ Playback Mode MP4/1080p(50M) (50Mbps / VBR), (1920 x 1080/60p)
- Recording/ Playback Mode MP4/1080p(28M) (28Mbps / VBR), (1920 x 1080/60p)
- Recording/ Playback Mode MP4/720p(9M) (9Mbps / VBR), (1280 x 720/30p)
- Recording/ Playback Mode iFrame (28Mbps / VBR), (960 x 540/30p)
- Actual Recordable Time with Supplied Battery Approx. 50 min (60p mode)
- Actual Recordable Time with Supplied Battery Approx. 50 min (PH mode)
- Actual Recordable Time with Supplied Battery Approx. 50 min (HA mode)
- Actual Recordable Time with Supplied Battery Approx. 50 min (HG mode)
- Actual Recordable Time with Supplied Battery Approx. 50 min (HE mode)
- Actual Recordable Time with Supplied Battery Approx. 50 min (MP4 50M)
- Actual Recordable Time with Supplied Battery Approx. 50 min (MP4 28M)
- Actual Recordable Time with Supplied Battery Approx. 55 min (MP4 720p)

- Actual Recordable Time with Supplied Battery Approx. 55 min (iFrame)
  - Thumbnail Display 20 thumbnails/page, 9 thumbnails/page, 1 thumbnail/page
  - Audio Recording System AVCHD: Dolby Digital (5.1ch / 2ch)
  - Audio Recording System 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)
  - Still Image [3:2] 20 megapixels (5472 x 3648), 10.6 megapixels (3984 x 2656) , 2.0 megapixels (1728 x 1152)
  - Still Image [4:3] 20.4 megapixels (5216 x 3912), 10.9 megapixels (3808 x 2856), 0.3 megapixels (640 x 480)
  - Simultaneous Recording 2160p: [16:9] 20.4 megapixels (6016 x 3384), 8.3 megapixels (3840 x 2160)
  - Simultaneous Recording Other than 2160p: [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. 353g (0.778 lb)
- LCD Monitor 3.0" Wide LCD monitor (460,800 dots)
- Touch Panel Yes
- View Finder –
- Manual Ring / Dial Yes (Dial)
- *Interface*
- AV Yes
- HDMI Yes (micro)
- Microphones (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 English, French, Spanish, Chinese Traditional**
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- **Wi-Fi**

- **Standard IEEE 802.11b/g/n**
  - **Frequency 2.4GHz band**
  - **NFC Yes**
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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 5.2 (Download)**
  - **NOTE N/A**
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- ◦ **UPC885170229464**
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