



Full HD Camcorder with 20X Stabilized Lens and WiFi Smartphone Twin Video Capture - HC-V770K HC-V770K

- **MORE DETAILS**
 - NOTE N/A

- **SENSOR SECTION**
 - *SENSOR FOR MAIN CAMERA*
 - Image Sensor 1/2.3" BSI MOS Sensor
 - Total Pixels 12.76 megapixels
 - Effective Pixels (Motion Image) 6.03 megapixels [16:9] (Level Shot Function OFF or Normal)
 - Effective Pixels (Still Image) 5.21 megapixels [3:2]
 - Effective Pixels (Still Image) 6.03 megapixels [16:9]
 - Effective Pixels (Still Image) 4.72 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) 29.5 – 612 mm [16:9] (Level Shot Function OFF or Normal)
 - 35 mm Film Camera Equivalent (Still Image) 33.5 – 669.9 mm [3:2]
 - 35 mm Film Camera Equivalent (Still Image) 29.5 – 612 mm [16:9]
 - 35 mm Film Camera Equivalent (Still Image) 36.2 – 724.6 mm [4:3]
 - Filter Diameter 49 mm
 - Lens Brand Panasonic 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))**
 - **Focus Auto / Manual**
 - **White Balance Auto / White Set / Sunny / Cloudy / Indoor1 / Indoor2**
 - **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**
 - **Zoom**
 - **Intelligent Zoom OFF 20x**
 - **Intelligent Zoom ON 50x**
 - **Digital Zoom 60x / 1500x (The maximum value of zoom magnification can be set in two patterns)**
 - **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**
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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 MP4/1080p(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)
 - Flash –
 - *Recording Image Size*
 - Still Image [16:9] 24megapixels (6528 x 3672), 12.6 megapixels (4736 x 2664), 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] 18 megapixels (4896 x 3672), 8 megapixels (3264 x 2448), 0.3 megapixels (640 x 480)
 - Simultaneous Recording [16:9] 12.6 megapixels (4736 x 2664), 2.1 megapixels (1920 x 1080)
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• GENERAL SECTION

- Power Supply 3.6V (Battery) / 5.0V (AC Adaptor)
- Power Consumption Max. 6.7W (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)
- LED Video Light Yes
- Accessory Shoe Yes (cold)

- Lens Cover Yes (Auto)
 - On-Screen Display Language English, French, Spanish, Chinese Traditional
 - *Interface*
 - AV Yes
 - HDMI Yes (micro)
 - Microphones (stereo mini) Yes
 - 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 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 –
 - USB Cable Yes
 - Editing Software HD Writer AE 5.2 (Download)
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