



4K Cinema-Like Camcorder, 20X LEICA DICOMAR Stabilized Lens, WiFi, Built-in Multi Scene Twin Camera, and Electronic Viewfinder - HC-WXF991K HC-WXF991K

- **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]
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- **SENSOR FOR SUB CAMERA**

- Image Sensor 1/4-inch MOS Sensor
 - Total Pixels 5.27 megapixels
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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 (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
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- **LENS FOR SUB CAMERA**

- F Value F2.2
 - Focal Length 3.54 mm
 - 35 mm Film
 - *Camera Equivalent*
 - Motion Image 37.2 mm (Motion picture recording mode)
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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 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)
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- 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)
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- 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. 1 h 0 min (MP4 720p)
- Approx. 1 h 0 min (iFrame)
- * Twin Camera OFF
- 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

• 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)
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- 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 –

• GENERAL SECTION

- Power Supply 3.6V (Battery) / 5.0V (AC Adaptor)
- Power Consumption Max. 7.8W (Recording) / Max. 7.7W (Charging)
- Dimensions (W x H x D) Approx. 68 x 78 x 163mm (2.677 x 3.071 x 6.417 inch)
- Weight (w/o battery and SD card) Approx. 403g (0.888 lb)
- LCD Monitor 3.0-inch Wide LCD monitor (460,800 dots)
- Touch Panel Yes
- View Finder 0.24-inch Wide EVF (1.555.200 dots equivalent)
- 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

• Wi-Fi

- Standard IEEE 802.11b/g/n
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- Frequency 2.4GHz band
- NFC –

• 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 5.3 (Download)**

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- ◦ **UPC885170266261**
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