

4K 24p Cinema/60p Video Camcorder HC-X1000 HC-X1000

- **MORE DETAILS**

- As of 08-03-14 Specifications are subject to change without notice
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- **SENSOR SECTION**

- Image Sensor 1/2.3-type MOS Sensor (For Europe)
1/2.3" MOS Sensor (For North America / Asia)
 - Total Pixels 18.47 megapixels
 - Effective Pixles 8.85 megapixels [17:9], 8.29 megapixels [16:9]
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- **LENS SECTION**

- F Value F1.8 ȳ F3.6
 - Optical Zoom 20x
 - Focal Length 4.08 ȳ 81.6 mm
 - 35 mm Film Camera Equivalent (Motion Image/Still Image) 29.5 ȳ 600 mm [17:9], 30.8 ȳ 626 mm [16:9]
 - Filter Diameter 49 mm
 - Lens Brand Leica Dicomar Lens
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- **CAMERA SECTION**

- Standard Illumination 1400 lx
 - Minimum Illumination 4 lx (Super Gain 30dB, Shutter 1/30)
 - Focus Auto / Manual
 - *Zoom*
 - Intelligent Zoom OFF 20x
 - Intelligent Zoom ON 40x*
 - Digital Zoom 2x / 5x / 10x
 - ND Filter 1/4, 1/16, 1/64, OFF
 - White Balance Auto / 3200K / 5600K / VAR (2400K—9900K) / Ach Fixed / Bch Fixed
 - Shutter Speed 60p / 60i / 30p: 1/8 — 1/8000
50p / 50i : 1/6 — 1/8000
25p: 1/6 — 1/8000
24p: 1/6 — 1/8000
 - Iris Auto / Manual
 - Image Stabilizer C4K/4K: POWER O.I.S.
Full-HD or lower: 5-axis HYBRID O.I.S.+ with Active Mode
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- **RECORDING SECTION**

- Recording Media SDHC/SDXC Memory Card
- Recording Format MOV (LPCM) / MP4 (LPCM) / MP4
AVCHD: AVCHD Progressive
- Video Compression Method MPEG-4 AVC/H.264

- Audio Compression Method MOV: LPCM (2ch)
MP4: LPCM / AAC (2ch)
AVCHD: Dolby Digital (2ch)
- System Frequency 59.94Hz / 50.00Hz
- *Recording / Playback Mode*
- MP4 C4K 24p 100M: 4096x2160, Average 100Mbps (VBR), LPCM
4K 60p/50p 150M: 3840x2160, Average 150Mbps (VBR), LPCM
4K 30p/25p 100M: 3840x2160, Average 100Mbps (VBR), LPCM or AAC
4K 24p 100M: 3840x2160, Average 100Mbps (VBR), LPCM
FHD 60p/50p 200M (ALL-Intra): 1920x1080, Average 200Mbps (VBR), LPCM
FHD 60p/50p 100M: 1920x1080, Average 100Mbps (VBR), LPCM
FHD 60p/50p 50M: 1920x1080, Average 50Mbps (VBR), LPCM or AAC
FHD 30p/25p 200M (ALL-Intra): 1920x1080, Average 200Mbps (VBR), LPCM
FHD 30p/25p 50M: 1920x1080, Average 50Mbps (VBR), LPCM
FHD 24p 200M (ALL-Intra): 1920x1080, Average 200Mbps (VBR), LPCM
FHD 24p 50M: 1920x1080, Average 50Mbps (VBR), LPCM
- MOV FHD 60p/50p 200M (ALL-Intra): 1920x1080, Average 200Mbps (VBR), LPCM
FHD 60p/50p 100M: 1920x1080, Average 100Mbps (VBR), LPCM
FHD 60p/50p 50M: 1920x1080, Average 50Mbps (VBR), LPCM
FHD 30p/25p 200M (ALL-Intra): 1920x1080, Average 200Mbps (VBR), LPCM
FHD 30p/25p 50M: 1920x1080, Average 50Mbps (VBR), LPCM
FHD 24p 200M (ALL-Intra): 1920x1080, Average 200Mbps (VBR), LPCM
FHD 24p 50M: 1920x1080, Average 50Mbps (VBR), LPCM
- AVCHD PS 1080 60p/50p: 1920x1080, Average 28Mbps (VBR)
PH 1080 60i/50i: 1920x1080, Average 24Mbps (VBR)
HA 1080 60i/50i: 1920x1080, Average 17Mbps (VBR)
HE 1080 60i/50i: 1440x1080, Average 5Mbps (VBR)
PM 720 60p/50p: 1280x720, Average 8Mbps (VBR)
- Thumbnail Display 20 thumbnails/page, 9 thumbnails/page, 1 thumbnail/page
- Microphone Stereo Microphone
- Speaker Dynamic type

• STILL IMAGE SECTION

- Recording Format JPEG (DCF/Exif2.2)
- Recording Image Size [17:9] 8.8megapixels (4096 x 2160)
[16:9] 8.3megapixels (3840 x 2160), 2.1 megapixels (1920 x 1080)
- Flash —

• GENERAL SECTION

- Power Supply 7.2V (Battery) / 12V (AC Adaptor)
- Power Consumption 15.4W (LCD Monitor) / 14.3W (Viewfinder)
- Dimensions (W x H x D) Approx. 160 x 170 x 315 mm (6.3 x 6.69 x 12.4 inch)
- Weight (w/o Battery and SD Card) Approx. 1550g (3.42 lb)
- LCD Monitor 8.83 cm (3.5") Wide LCD monitor (1,152,000 dots) (For Europe)
3.5" Wide LCD monitor (1,152,000 dots) (For North America / Asia)
- Viewfinder 1.15 cm (0.45") Wide EVF (1,226,880 dots) (For Europe)
0.45" Wide EVF (1,226,880 dots) (For North America / Asia)

- Manual Ring Focus / Zoom / Iris
 - *Interface*
 - AV Yes
 - HDMI Type A
 - XLR Input XLR (3 pins) x 2
Line: 0dBu/+4dBu, Mic: -40dBu/-50dBu/-60dBu
 - Headphone Yes (3.5mm stereo mini)
 - USB Micro-B: USB 3.0 SuperSpeed
Type A: USB 3.0 SuperSpeed, Host (for USB HDD**), Bus Power Supply
 - Camera Remote 2.5mm super mini jack x 1 (ZOOM S/S)
3.5mm mini jack x 1 (FOCUS/IRIS)
 - LED Video Light —
 - Accessory Shoe 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 Yes (2 Cables)
 - Rechargeable Battery Pack Yes (5,800mAh)
 - Battery Charger Yes
 - IR Remote —
 - HDMI Cable Yes (High Speed HDMI Cable)
 - AV Multi Cable —
 - AV Cable —
 - Shoe adaptor —
 - USB Cable Yes
 - Microphone Holder Yes
 - Microphone Holder Screws Yes (2 Screws)
 - Input Terminal Cap Yes (2 Caps)
 - Shoulder Strap Yes
 - Eye Cap Yes
 - Editing Software HD Writer XE2.0 (Downloadable)
 - * For recording formats with 1920 x 1080 resolution or lower.
** USB hard disks with a capacity of 32 GB or less, or more than 2 TB, cannot be used.
Specifications are subject to change without notice.
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