

Product Specifications

HC-X1500

4K Professional Camcorder

SENSOR SECTION Image Sensor 1/2.5-type (inch) MOS Sensor

Effective Pixels 8.29 megapixels

LENS SECTION F Value F1.8 — 4.0

Optical Zoom 24x

Focal Length 4.12 — 98.9mm

35 mm Film Camera Equivalent 25.0 — 600.0 mm

Filter Diameter 62 mm

Lens Brand Leica Dicomar Lens

CAMERA SECTION Minimum Illumination 1.5 lx (F1.8, Super Gain +, 1/30)

Focus Auto / Manual

Zoom Intelligent Zoom OFF 24x

Intelligent Zoom ON Max. 48x (UHD 32x)

Digital Zoom 2x / 5x / 10x

Shutter Speed 59.94 Hz mode 59.94i/59.94p: 1/60, 1/100, 1/120, 1/180, 1/250, 1/350, 1/500, 1/750, 1/1000,

1/1500, 1/2000, 1/3000, 1/4000, 1/8000 sec

29.97p: 1/30, 1/50, 1/60, 1/100, 1/120, 1/180, 1/250, 1/350, 1/500, 1/750, 1/1000,

1/1500, 1/2000, 1/3000, 1/4000, 1/8000 sec

23.98p: 1/24, 1/48, 1/50, 1/60, 1/100, 1/120, 1/180, 1/250, 1/350, 1/500, 1/750,

1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/8000 sec

50.00 Hz mode 50i/50p: 1/50, 1/60, 1/100, 1/125, 1/180, 1/250, 1/350, 1/500, 1/750, 1/1000, 1/1500, 1/2000,

1/3000, 1/4000, 1/8000 sec

25p: 1/25, 1/50, 1/60, 1/100, 1/125, 1/180, 1/250, 1/350, 1/500, 1/750, 1/1000, 1/1500, 1/2000,

1/3000, 1/4000, 1/8000 sec

Slow Shutter Speed 59.94 Hz mode 59.94i/59.94p: 1/8, 1/15, 1/30 sec

29.97p: 1/8, 1/15 sec

23.98p: 1/6, 1/12 sec

50.00 Hz mode 50i/50p: 1/6, 1/12, 1/25 sec

25p: 1/6, 1/12 sec

Super Slow Recording Frame Rate 59.94 Hz mode FHD 120 fps (1/2 speed at 60p, 1/4 speed at 30p, 1/5 speed at 24p)

50.00 Hz mode FHD 100 fps (1/2 speed at 50p, 1/4 speed at 25p)

ND Filter 1/4, 1/16, 1/64, OFF

IR Filter Incorporates the ON/OFF control function

White Balance Auto / ATW LOCK / 3200K / 5600K / VAR (2000K—15000K) / Ach Fixed / Bch Fixed

Iris Auto / Manual

Image Stabilizer Ball O.I.S., 5-Axis HYBRID O.I.S. (UHD/FHD)

RECORDING SECTION Recording Media SDHC/SDXC Memory Card

Recording Format MOV, MP4, AVCHD

Video Compression Method MOV/MP4: H.264/MPEG-4 AVC High Profile, H.265/MPEG-H HEVC Main10 Profile

AVCHD: H.264/MPEG-4 AVC High Profile

Audio Compression Method MOV: LPCM (24bit 2ch)

MP4: AAC (16bit 2ch)

AVCHD: Dolby Audio (16bit 2ch)

System Frequency 59.94Hz / 50.00Hz

Recording / Playback Mode MOV (HEVC) [4:2:0 10bit] UHD 3840x2160 59.94p/50.00p HEVC 200M: Average 200Mbps (VBR)

UHD 3840x2160 29.97p/25.00p/23.98p HEVC 150M: Average 150Mbps (VBR)

MOV [4:2:0 8bit] UHD 3840x2160 59.94p/50.00p 150M: Average 150Mbps (VBR)

UHD 3840x2160 29.97p/25.00p/23.98p 100M: Average 100Mbps (VBR)

[4:2:2 10bit] UHD 3840x2160 29.97p/25.00p/23.98p 150M: Average 150Mbps (VBR)

FHD 1920x1080 59.94p/50.00p 200M (ALL-Intra): Average 200Mbps (VBR)

FHD 1920x1080 29.97p/25.00p/23.98p 100M (ALL-Intra): Average 100Mbps (VBR)

FHD 1920x1080 59.94i/50i 100M (ALL-Intra): Average 100Mbps (VBR)

FHD 1920x1080 59.94p/50.00p 100M: Average 100Mbps (VBR)

FHD 1920x1080 29.97p/25.00p/23.98p/59.94i/50.00i 50M: Average 50Mbps (VBR)

MP4 (HEVC) [4:2:0 10bit] UHD 3840x2160 59.94p/50.00p HEVC 100M: Average 100Mbps (VBR)

UHD 3840x2160 29.97p/25.00p/23.98p HEVC 72M: Average 72Mbps (VBR)

MP4 [4:2:0 8bit] UHD 3840x2160 29.97p/25.00p/23.98p 72M: Average 72Mbps (VBR)

FHD 1920x1080 59.94p/50.00p/23.98p 50M: Average 50Mbps (VBR)

AVCHD [4:2:0 8bit] PS 1920x1080 59.94p/50.00p: Average 25Mbps (VBR)

PH 1920x1080 59.94i/50.00i/23.98p: Average 21Mbps (VBR)

HA 1920x1080 59.94i/50.00i: Average 17Mbps (VBR)

PM 1280x720 59.94p/50.00p: Average 8Mbps (VBR)

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LIVE STREAMING Video Compression Format H.264/MPEG-4 AVC Main Profile, High Profile

Video Resolution 1920 x 1080 (FHD), 1280 x 720 (HD), 640 x 360, 320 x 180

Streaming Method Unicast, Multicast

Frame Rate System frequency = 59.94 Hz: 30 fps, 60 fps

System frequency = 50.00 Hz: 25 fps, 50 fps

Bit Rate 24 Mbps, 20 Mbps, 16 Mbps, 14 Mbps, 8 Mbps, 6 Mbps, 4 Mbps, 3 Mbps, 2 Mbps, 1.5 Mbps, 1 Mbps, 0.7 Mbps, 0.5 Mbps

Audio Compression Format AAC-LC, 48 kHz/16 bit, 2ch

Network Protocol RTSP/RTP/RTMP/RTMPS

STILL IMAGE SECTION Recording Format JPEG (DCF/Exif2.2)

Recording Image Size* Video Playback Mode: 3840 x 2160 (16:9), 1920 x 1080 (16:9), 1280 x 720 (16:9)

GENERAL SECTION Power Supply 7.28V (Battery) / 12V (AC Adaptor)

Power Consumption 14.4W (LCD Monitor)

Dimensions (W x H x D) Approx. 129 x 93 x 257 mm (5.08 x 3.66 x 10.1 inch)

Weight Body: approx. 0.9kg (1.98 lb) (body only, excluding handle, lens hood, battery, and accessories)

Shooting: approx. 1.2kg (2.65 lb) (including lens hood, battery, and eyecup)

LCD Monitor 8.88 cm (3.5-inch) Wide LCD monitor (About 2,760,000 dots) (For Europe)

3.5-inch Wide LCD monitor (About 2,760,000 dots) (For North America / Asia)

Viewfinder 0.61 cm (0.24-inch) Wide EVF (About 1,560,000 dots) (For Europe)

0.24-inch Wide EVF (About 1,560,000 dots) (For North America / Asia)

Manual Ring Focus / Zoom or Iris

Accessory Shoe Yes

LED Video Light Average Illumination —

Irradiation Angle —

Color Temperature —

INTERFACE SECTION Video SDI OUT —

HDMI Type A x 1 (VIERA Link not supported)

Output format:

2160/59.94p/50.00p/29.97p/25.00p/23.98p,

1080/59.94p/50.00p/29.97p/25.00p/23.98p/59.94i/50.00i,

720/59.94p/50.00p, 480/59.94p, 576/50.00p

Audio Input Built-in Microphone Stereo microphone

Microphone Input 3.5mm stereo mini jack x 1

XLR Input —

Audio Output SDI —

HDMI 2 ch (LPCM 24bit)

Headphone 3.5 mm diameter stereo mini jack x 1

Speaker 15 mm diameter, round x 1

Other Input/Output Camera Remote 2.5mm super mini jack x 1

USB 2.0 HOST —

USB 2.0 DEVICE Micro-AB connector, 5-pin, mass storage function (read only)

DC IN DC 12V (11.4V — 12.6V) EIAJ Type4

Wi-Fi Standard IEEE 802.11b/g/n

Frequency 2.4GHz band

STANDARD ACCESSORY AC Adaptor Yes

AC Cable Yes

Rechargeable Battery Pack	Yes (5,900mAh)
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Handle Unit	—
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Battery Charger	—
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IR Remote	—
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HDMI Cable	—
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AV Cable	—
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USB Cable	—
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USB LAN Conversion Adaptor	—
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Microphone Holder	—
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Microphone Holder Screws	—
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Input Terminal Cap	—
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Eye Cup	Yes
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Lens Hood	Yes
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Editing Software	—
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NOTE NOTE * Only images cut from video in video playback mode are supported.

Specifications are subject to change without notice.