

PRELIM

NEW

▲ Step-up

The ultimate home video recording experience is the HDR-UX7. Record high-definition video straight to DVD-R/-RW/+RW/+R DL (Dual Layer) media formats. This includes 5.1ch surround sound, Super SteadyShot® - Optical technology, Active Interface Shoe, 10x Optical/20x Digital Zoom, and an assignable control dial to name a few of the HDR-UX7's multitude of features.

- ▲ 3.2 Megapixel (Gross) ClearVid™ CMOS Sensor
1/2.9" ClearVid CMOS Sensor provides stunning detail and clarity with exceptional video (1080 lines of resolution - HD Mode or 530 lines of horizontal resolution - SD Mode) and still image performance (6.1 Megapixel). Unlike traditional CCD Imagers, CMOS Sensors require less power, providing better battery performance.
- Switchable HD/SD Format Recording
The HDR-UX7 is capable of recording and playing back both High Definition (HD) and Standard Definition (SD) video recorded on standard 3" (8cm) DVD media.
- Real-Time HD Codec Engine
Sony developed a Real Time MPEG Encode/Decode system with reduced energy consumption and compact size to fit inside a personal camcorder. This engine provides efficient MPEG2 compression, and recording and playback of clear HD images at the same bit rate of the DV format, so that High Definition video can be recorded on the same MiniDV cassettes as are used for SD recording.
- x.v. Color
x.v. Color can capture or display nearly twice as many (1.8x) viewable colors than currently possible. This provides a more accurate and vivid color range, for a more natural, lifelike overall experience.
- 10X Optical / 20X Digital Zoom
The optical zoom helps to bring the action close up from far away. In addition, the Digital Zoom Interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zoom.
- Professional Quality Carl Zeiss® Vario-Sonnar® T* Lens
Carl Zeiss lenses have an advanced optical multi-layer coating that offers less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones. The additional T* coating on the lens further reduces unwanted glare and flare.
- ▲ 2.7" Wide (16:9) Hybrid Touch Panel Clear Photo™ plus LCD Display (211K Pixels)⁴
The 3.5" Wide (16:9) LCD screen provides excellent viewing clarity with improved resolution. The 211K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback, and the widescreen format makes shooting in 16:9 mode and composing shots even easier.
- Smooth Slow Record
By increasing the record rate from 60 fields per second (fps) to 240 fps for 3 seconds allowing you to capture 3 seconds of fast motion and play the video back in 12 seconds. This is great for analyzing a golf swing or a viewing a bird in flight. In addition, record an audio track to narrate what is being seen in the video.
- Memory Stick Duo™ Media Slot³
Capture still images up to 2848x2136 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick™ devices.
- ▲ Dual Record
While recording video in High Definition you have the ability to capture a 4.6 Megapixel still image directly to Memory Stick Duo™ media.
- ▲ Super SteadyShot® (Optical) Image Stabilization System
An advanced form of Sony's SteadyShot Image Stabilization system that controls an even higher range of shake and vibration frequencies. This optical stabilization system achieves an even higher level of smoothness without degradation of video like some digital stabilization systems.
- Tele Macro Function
Useful for shooting close up shots, but without having the camcorder casting a shadow on the subject. Images shot in the Tele Macro Mode will have the subject properly focused with the background unfocused so that the subject stands out.
- Active Interface Shoe
Provides a location directly on the camcorder on which to add optional accessories while providing power and two-way communication to those accessories.

ADDITIONAL FEATURES

- Built-in Intelligent Flash
- Super NightShot® Infrared System
- Scene Selection Modes
- Picture Effects
- Fader Effects
- InfoLithium® Battery with AccuPower™ Meter System¹
- Stamina® Battery Power Management System
- On Screen Zoom and Record Buttons
- Easy Handycam
- One Touch Wide Angle Shooting
- Manual Focus
- Multi-Language Menu
- DVD Format Video Recording^{5,6}

AVCHD

ClearVid CMOS sensor

Enhanced imaging Processor

Super Steady Shot (Optical)

ZEISS

DOLBY DIGITAL 5.1 CREATOR

Clear Photo LCD plus

WIDE LCD

MEMORY STICK PRO DUO



Hardware

LCD: 3.5" (211K Pixels) Wide (16:9) Touch Panel Clear Photo™ plus LCD Display

Lens Type: Carl Zeiss® Vario-Sonnar® T*
Viewfinder: Color 172K Pixels
Imaging Sensor: 1/2.8" 3200K Gross Pixels ClearVid™
Docking Station: For
Microphone: External (Stereo)

Recording Media: MiniDV Cassette, Memory Stick Duo™ Media, Memory Stick PRO Duo™ Media

Recording and Playback Times: High Definition: (Single Layer/Dual Layer) HQ+ = 15/25 min., HQ = 20/35 min., SP = 25/45 min., LP = 30/60 min.
Standard Definition: (Single Layer/Dual Layer) HQ = 20/35 min., SP = 30/5 min., LP = 60/110 min.

Video Actual: 2280K Pixels (16:9), 1710K Pixels (4:3)

Still Actual: 2280K Pixels (16:9), 3040K Pixels (4:3)

Convenience

USB Streaming: N/A

SteadyShot® Image Stabilization: Yes (Super: Optical)

Accessory Shoe: Yes, Active Interface Shoe

White Balance: Auto/Outdoor/Indoor/One Push

Memory Stick PRO™ Media Compatibility: Tested to support up to 4GB media capacity; does not support high speed transfer function; does not support Access Control security function.

Still Image Mode(s): JPEG

Minimum Illumination: 2 Lux (0 Lux with Super NightShot® Infrared System)

Low Light Capability: Super NightShot®

Convenience Features

Easy Operation: Yes

Fader Effects: Black, Monotone, Mosaic, White

Multiple Language Display: Yes

Slide Show Mode: Yes

Titling: N/A

Light/Flash: Yes

Scene Mode(s): Beach, Candle, Fireworks, Landscape, Portrait, Sports Lesson, Spotlight, and Sunrise & Sunset

Picture Effect(s): Monotone, Pastel, Sepia

Digital Picture Effect(s): Old Movie

PictBridge Compatible: Yes

Inputs and Outputs

LANC Terminal: Yes (Stereo Mini)

Analog Audio/Video Input(s): N/A

Analog Audio/Video Output(s): Yes (Multi A/V)

Digital Audio/Video Input(s): Yes (via USB2.0)sup:2

Optics/Lens

35mm Equivalent: 40-400mm (16:9 Camera Mode), 49-490mm (4:3 Camera Mode), 40-400mm (16:9 Memory Mode), 37-370mm (4:3 Memory Mode)

Aperture: f1.8-2.9

Exposure: Touch Panel (24 steps)

Filter Diameter: 37mm

Focal Distance: 5.4-54mm; Telemacro - 450mm

Focus: Full Range Auto/Manual (Dial, Touch Panel)

Progressive Shutter Mode: N/A

Shutter Speed: Auto, 1/2 - 1/500 (Scene Selection Mode)

Optical Zoom: 10X

Digital Zoom: 20X

Resolution: 3MP

Power

Power Consumption: 4.3W/4.6W - HDV: 4.1W/4.4W - DV (VF/LCD)

Battery Type: InfoLithium® with AccuPower™ Meter System (NP-FH60)

Service and Warranty Information

Limited Warranty: 1 Year Parts; 90 Days Labor

Software

Supplied Software: Picture Motion Browser ver. 2.0

Video

Analog-to-Digital Converter: N/A

Format(s) Supported: AVCHD/ MPEG2 (Standard Definition) DVD-Video/VR Mode

Dimensions

Weight: 1 lb. 6 oz. (650g) with tape and supplied battery

Measurements: 3 1/4" x 3 1/4" x 5 1/2" (82 x 82 x 138mm)

Supplied Accessories

Power Adaptor/ In Camera Charger (AC-L200)

InfoLithium® Rechargeable Battery (NP-FH60)

Wireless Remote Commander® Remote Control (RMT-831)

A/V Cable

Component Video Cable

USB Cable

i.LINK® Cable (VMC-IL4415)

Enjoy Handycam Video

Optional Accessories

Professional MiniDV Cassette for High Definition Recording (DVM-63HD)

High Grade Component Cable (VMC-FR30)

UPC Code: 027242701410

- Actual battery life may vary based on product settings, usage patterns and environmental conditions. Designed for use with compatible Sony InfoLithium® batteries.
- Not all products with USB 2.0 connector may communicate with each other due to chipset variations.
- Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions. Actual available memory in MB's is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460, 1GB=940MB, 2GB=1.85GB, 4GB=3.66GB.
- Viewable area measured diagonally
- Playback on all home DVD players, computers, DVD drives, Blu-Ray Drives, PlayStation® 2 and PlayStation 3 consoles cannot be guaranteed. Some players' drives and video game consoles lack the ability to read due to the optical reflection standard of DVD-R/RW disks and/or due to encoding incompatibilities. Refer to the specifications of your playback equipment for additional compatibility information.
- Use of Sony DVD-R/RW/ RW and R DL Media recommended. For third party media, confirm compatibility with manufacturer.
- This camcorder captures high definition footage in the AVCHD format. Using the enclosed PC software, high definition footage can be copied onto DVD media. However, DVD media containing AVCHD footage should not be used with DVD based players or recorders, as the DVD player/recorder may fail to eject the media and may erase its contents without warning. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc™ player/recorder or other compatible device.

© 2007 Sony Electronics Inc. All rights reserved.
Reproduction in whole or in part without written permission is prohibited. Sony, AccuPower, Clear Photo, ClearVid, Handycam, i.LINK, InfoLithium, like no other, Memory Stick Duo, Memory Stick PRO Duo, NightShot, Remote Commander, Stamina and SteadyShot are trademarks of Sony. Carl Zeiss and Vario-Sonnar are trademarks of Carl Zeiss. HDMI is a trademark of HDMI Licensing LLC. All other trademarks are property of their respective owners.
Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.
Screen Images Simulated

Please visit the Dealer Network for more information at www.sony.com/dn