

NEW

▲ Step-up

The HDR-SR7 lets you view the world through a professional grade Carl Zeiss® Vario-Sonnar® T\* lens with 10x optical/20x digital zoom and a 3 megapixel ClearVid™ CMOS sensor. Capture clear video with Super SteadyShot® optical image stabilization, and maintain total control over the focus, exposure, shutter speed and white balance.

- ▲ 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-SR7 is capable of recording and playing back both High Definition (HD) and Standard Definition (SD) video recorded on the built-in 60GB 5 Hard Drive.
- x.v.Color™ Technology  
x.v.Color™ technology 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<sup>4</sup> (16:9) Touch Panel Clear Photo LCD Plus™ Display (211K Pixels)  
The 2.7" Wide<sup>4</sup> (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 PRO Duo™ Media Slot  
Capture still images up to 2848x2136 resolution, directly onto Memory Stick PRO Duo™ Media (sold separately) for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick® devices (sold separately).
- ▲ 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 (sold separately).
- ▲ Super SteadyShot® Optical Image Stabilization System  
An advanced form of Super SteadyShot Image Stabilization from Sony 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.
- Built-in Intelligent Flash  
For added clarity and detail when taking pictures in low-light situations, the built-in flash improves pictures and reduces shadows.
- Super NightShot® Infrared System  
With Super NightShot Infrared System from Sony, capture video in total darkness (0 lux) up to 10 feet away. Super NightShot mode automatically adjusts the shutter speed to increase picture brightness and clarity. Color Slow Shutter mode allows you to record in low light situations with full color detail by slowing down the shutter speed.
- Scene Selection Modes  
Scene Selection modes make recording easy even when filming in challenging situations. Choose from Beach, Candle, Fireworks, Landscape, Portrait, Sports Lesson, Spotlight, and Sunrise & Sunset.
- Picture Effects  
Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in Camera mode: Monotone, Pastel and Sepia. Effects available in Playback mode: Monotone, Pastel and Sepia.

ADDITIONAL FEATURES

- Fader Effect(s)
- InfoLITHIUM® Battery with AccuPower™ Meter System
- Stamina® Battery Power Management System
- On Screen Zoom and Record Buttons
- Easy Handycam® button
- One Touch Wide Angle Shooting
- Manual Focus
- Multi-Language Menu



AVCHD

HDD  
HARD DISK DRIVE

60GB  
Hard Disk Drive

ClearVid  
CMOS sensor

x.v.Color

ZEISS

Clear Photo  
LCD plus

Touch  
Panel

WIDE LCD

HDD  
Smart  
Protection

InfoLITHIUM H

MEMORY STICK PRO DUO

# HDR-SR7

# High Definition Camcorder

## Specifications

### General

Imaging Device: 1/3" ClearVid™ CMOS Sensor  
 Pixel Gross: 3200K  
 Recording Media: 60GB<sup>5</sup> Non-Removeable Hard Disk Drive, Memory Stick PRO Duo™ Media (sold separately)  
 Recording and Playback Times: High Definition: XP = up to 8 hours HQ = up to 14 hours, SP = up to 17 hours, LP = up to 22 hours Standard Definition: HQ = up to 14 hours, SP = up to 21 hours, LP = up to 41 hours  
 Video Actual: 2280K Pixels (16:9), 1710K Pixels (4:3)  
 Still Actual: 2280K Pixels (16:9), 3040K Pixels (4:3)

### Audio

Recording Format: Dolby® Digital 5.1  
 Microphone: Yes (Built-in 5.1 Channel)

### Convenience

USB Streaming: N/A  
 Accessory Shoe: Yes (Active Interface Shoe)  
 White Balance: Auto, Indoor, One-push, Outdoor  
 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  
 Scene Mode(s): Beach, Candle, Fireworks, Landscape, Portrait, Sports Lesson, Spotlight, and Sunrise & Sunset  
 Image Stabilization: Yes (Optical)

### Convenience Features

Easy Operation: Yes  
 Multiple Language Display: Yes  
 Slide Show Mode: Yes  
 Picture Effect(s): Monotone, Pastel and Sepia  
 Digital Picture Effect(s): Old Movie  
 PictBridge Compatible: Yes  
 Low Light Capability: Super NightShot® infrared system  
 Fader Effect(s): Black, White  
 Tilting: N/A

### Video

Analog-to-Digital Converter: N/A  
 Format: AVCHD™ 6 (HD) and MPEG2-PS (SD)

### Inputs and Outputs

LANC Terminal: N/A  
 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</sup>  
 Digital Audio/Video Output(s): Yes (via USB2.0)<sup>2</sup>  
 USB Port(s): 2.0 High Speed<sup>2</sup> (Handycam Station)  
 i.LINK® Interface: N/A  
 Component Video (Y/Pb/Pr) Output(s): Yes  
 Headphone Jack: Yes  
 Microphone Input: Yes  
 Remote Jack: Yes (Stereo Mini)  
 S-Video Input(s): N/A  
 S-Video Output(s): Yes (via optional accessory)  
 HDMI™ Connection Output(s): Yes (Mini)  
 Active Interface Shoe: Yes

### Display

LCD Screen: 2.7" (211K Pixels)<sup>4</sup> Wide (16:9) Touch Panel - Clear Photo LCD Plus™  
 Viewfinder: Wide (16:9), Color (123K Pixels)

### Hardware

Docking Station: Yes (Handycam Station®)  
 Light/Flash: Yes

### 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  
 Lens Type: Carl Zeiss® Vario-Sonnar® T  
 Minimum Illumination: 2 Lux (0 Lux with Super NightShot® Infrared System)

### Power

Battery Type: InfolITHIUM® battery with AccuPower™ Meter System (NP-FH60)  
 Power Consumption (In Operation): 4.5W/4.7W - HD (VF/LCD)

### Service and Warranty Information

Limited Warranty Term: 1 Year Parts; 90 Days Labor

### Software

Supplied Software: Picture Motion Browser ver. 2.0

### Dimensions

Weight: 1 lb 6 oz (610g) with supplied battery  
 Measurements: 3" x 3 1/4" x 5 7/8" (75 x 81 x 149mm)

### Supplied Accessories

Power Adaptor/ In Camera Charger (AC-L200)  
 InfolITHIUM® Rechargeable Battery (NP-FH60)  
 Wireless Remote Commander® Remote Control (RMT-835)  
 Handycam Station™ cradle (DRCA-C181)  
 Component Video Cable  
 A/V Cable  
 USB Cable  
 Enjoy Handycam Video

### Optional Accessories

Rechargeable InfolITHIUM® Batteries (NP-FH50/70/100)  
 Travel Charger (BC-TRP)  
 AC Adaptor and Charger (AC-VQH10)  
 Memory Stick PRO Duo™ media (MSX-M1GST/M2GS/M4GS/M8GS)  
 Accessory Value Kit (ACC-FH70)  
 Soft Carrying Case (LCS-VAC)  
 Premium Soft Carrying Case (LCS-VA30)  
 High-Grade Telephoto Lens (VCL-HG1737C)  
 High-Grade Wide-Angle Lens (VCL-HG0737C)  
 Polarizing Filter Kit (VF-37CPK S)  
 Neutral Density Filter Kit (VF-R37NK)  
 Bluetooth® Wireless Microphone (ECM-HW1)  
 Zoom Microphone (ECM-HGZ1)  
 Video Light (HVL-HL1)  
 Video IR Light (HVL-HIRL)

UPC Code: 27242719682

- Actual battery life may vary based on product settings, usage patterns, battery 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
- 60GB means 60 Billion Bytes. Available storage capacity may vary and a portion of the memory is used for data management functions.
- 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.

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Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary. Screen Images Simulated

BATTERY LIFE <sup>1</sup>			
Battery <sup>1</sup> (Fully charged)	Continuous Record Time		Continuous Playback Time
	VFLCD/ LCD Bcklt Off/VF+LCD	3.4MP	LCD/LCD Off
NP-FH50	70/65/70/60 min		105/115 min
NP-FH60	90/90/90/85 min		140/150 min
NP-FH70	150/140/150/135 min		230/245 min
NP-FH100	340/325/340/310 min		515/555 min

STILL IMAGE MODE <sup>3</sup>						
Fine/Standard Picture Quality						
Memory Stick Duo™ Media <sup>2</sup>	2848x2136 6.1MP	2848x1602 4.6MP (Wide)	2136x1602 3.4MP	2048x1536 3.1MP	640x480 (VGA)	
64MB	21/53	28/70	37/93	40/100	390/980	
128MB	42/105	56/135	74/185	80/205	780/1970	
Memory Stick PRO Duo™ Media <sup>1</sup>	256MB	76/190	100/250	130/335	140/370	1400/3550
512MB	155/390	205/510	270/690	295/760	2850/7200	
1GB	315/800	420/1050	550/1400	600/1550	5900/14500	
2GB	650/1600	860/2150	1100/2850	1200/3150	12000/30000	
4GB	1250/3200	1700/4250	2250/5700	2400/6300	25500/59000	

Please visit the Dealer Network for more information at [www.sony.com/dn](http://www.sony.com/dn)