

PRELIM

▲ Step-up



AVCHD



WIDE LCD

MEMORY STICK PRO DUO



It's the industry's first AVCHD™ camcorder that records high-definition to a hard disk drive. Record in high-definition and standard definition. 2.1 ClearVid™ CMOS Sensor requires less power than traditional CCD imagers, supplying longer battery performance.

▲ **2.1 Megapixel (Gross) ClearVid™ CMOS Sensor**
1/3" ClearVID™ CMOS Sensor with 1990K (effective) pixels provides stunning detail and clarity with exceptional video (up to 1080 lines of horizontal resolution - HD; 530 lines of horizontal resolution - SD) and still image performance. The Megapixel technology enhances your digital videos and digital still (3980K) photography performance.

— **10X Optical/80X 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 zooms.

— **Professional Quality Carl Zeiss® Vario-Sonnar® T* Lens**
Carl Zeiss lenses have an advanced optical multi-layer coating for 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.

— **Dolby® Digital 5.1ch Recording**
The HDR-SR1 will record in Dolby Digital 5.1ch surround sound with a built-in microphone. By recording in 5.1 channel surround sound you can now experience your home movies with active sounds coming from all directions. Enjoy your personal home movies the way you experienced them while recording.

▲ **3.5" Wide (16:9) Touch Panel Hybrid Clear Photo™ LCD plus Display (211K Pixels)6**
The 3.5" Wide (16:9) LCD screen provides excellent viewing clarity with improved resolution. The high resolution 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 Recording**
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.

— **Digital Still Memory Mode with Memory Stick Duo™ Media5**
Capture still images up to 2304x1728 (4:3) resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick® devices.

— **Super SteadyShot® Picture Stabilization System**
An advanced version of Sony's SteadyShot® system that controls an even higher range of shake and vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image stabilization systems.

— **On Screen Zoom and Record Buttons**
For additional control of the camcorder, the HDR-SR1 features Zoom and Record buttons on the frame of the LCD screen. This allows the user more flexibility when holding the camcorder, especially in overhead or low angle shots.

— **USB 2.0 Interface4**
USB 2.0 interface provides an easy way to connect your Hard Disk Drive Handycam Camcorder to the computer for fast transfer of video and still images to your computer for editing. The camcorder can also be used as an external storage and/or playback device.

— **One Touch Wide Angle Shooting**
Easily switch between 4:3 and 16:9 aspect ratios for shooting, with just the touch of a button.

— **Progressive Shutter System**
A mechanical shutter system that provides progressive scan performance while utilizing an interlaced scanning system. Digital still images will be sharp and clear with excellent definition.

— **Active Interface Shoe**
Provides a location directly on the camcorder to which one may add optional accessories while providing power and two-way communication with those accessories.

— **Super NightShot® Infrared System**
With Sony's NightShot Infrared System you can capture natural looking video, even when shooting in low light. Record subjects up to 20 feet away using the built-in infrared system.

— **Dual Record**
While recording video in High Definition (HD) you have the ability to capture a 2.3 Megapixel (16:9) still image directly to Memory Stick Duo™ Media. While recording in Standard Definition you have the ability to capture a 1.7 Megapixel (4:3) still image directly to Memory Stick Duo media.

— **Easy PC Backup**
Easily back up your footage (HD or SD) to your PC using the supplied software. The footage will be stored on your PC's hard drive for archiving purposes and viewing at a later time; the footage is stored by date for easy playback. In addition, only new footage is transferred to your PC each time you Backup your footage.

ADDITIONAL FEATURES

- One Touch DVD Burn
- Manual Focus
- Program AE (Auto Exposure) Modes
- Picture Effects
- Fader Effects
- InfoLithium® Battery with AccuPower™ Meter System1
- Battery Information
- Easy Handycam Button
- Multi-Language Menu
- Tele Macro Function



Connections



Specifications

General

Imaging Device: 1/3" 2100K Gross Pixels ClearVID™ CMOS Sensor
Pixel Gross: 2100K
Recording Media: 30GB² Non-Removeable Hard Disk Drive
Recording and Playback Times: TBD
Video Actual: 1076K Pixels (4:3), 1434K Pixels (16:9)
Still Actual: 1991K Pixels (4:3), 1493K Pixels (16:9)

Audio

Dolby® Digital Output: N/A
Recording System: Dolby® Digital 5.1

Convenience

USB Streaming: N/A
SteadyShot® Image Stabilization: Yes (Super, Electronic)
Accessory Shoe: Yes, Active Interface Shoe
White Balance: Auto, Indoor, One-Push, Outdoor
Memory Stick PRO™ Media Compatibility: Tested to support up to 2GB media capacity; does not support high speed transfer function; does not support Access Control security function
Still Image Mode(s): JPEG
Minimum Illumination: 5 Lux (0 lux with Super NightShot® Infrared System)
Low Light Capability: Super NightShot®

Inputs and Outputs

Analog Audio/Video Input(s): N/A
Analog Audio/Video Output(s): Yes (Multi A/V)
Digital Audio/Video Input(s): Yes (via USB)
Digital Audio/Video Output(s): Yes (via USB)
USB Port(s): Yes; 2.0 High Speed Compliant*
Component Video (Y/Pb/Pr) Output(s): Yes
Headphone Jack: Yes (Stereo Mini)
Microphone Input: Yes (Stereo Mini)
Remote Jack: Yes (Stereo Mini)
S-Video Input(s): N/A
S-Video Output(s): Yes (via optional accessory)
HDMI™ Connection Output(s): Yes

Hardware

LCD: 3.5" (211K Pixels) Wide (16:9) Hybrid Touch Panel Clear Photo™ LCD plus Display⁷
Lens Type: Carl Zeiss® Vario-Sonnar® T*
Viewfinder: Color, 123K Pixels (16:9)
Docking Station: N/A
Microphone: Yes (Built-in 5.1 Channel)

Optics/Lens

35mm Equivalent: 41.3-485mm (16:9 Camera Mode), 50.5-594mm (4:3 Camera Mode), 40.4-404mm (16:9 Memory Mode), 37-370mm (4:3 Memory Mode)
Aperture: f1.8-2.9
Exposure: Touch Panel/Ring
Filter Diameter: 30mm
Focal Distance: 5.1-51mm
Focus: Full Range Auto/Manual (Ring)/One Touch
Progressive Shutter Mode: Yes
Shutter Speed: Auto, 1/60-1/500 (AE Mode)
Optical Zoom: 10X
Digital Zoom: 80X
Resolution: 4MP, (2304 X 1728) - 4:3

Power

Power Consumption: 4.9W/5.1W (VF/LCD)
Battery Type: InfoLithium® with AccuPower™ Meter System (NP-FM50)

Power Requirements: 7.2V Battery Pack/8.4V AC Adaptor

Service and Warranty Information

Limited Warranty: 1 Year Parts, 90 Days Labor

Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional
Supplied Software: Picture Motion Browser ver. 1.0

Video

Video Recording System: AVCHD (HD) and MPEG2-PS (SD)
Video Signal System: NTSC color, EIA standards
Analog-to-Digital Converter: N/A
Format(s) Supported: AVCHD (HD), MPEG2-PS (SD) and JPEG

Dimensions

Weight: 1 lb. 9 oz. (720g) with supplied battery and media
Measurements: 3 1/14" x 3 4/13" x 6 1/2" (78 x 84 x 165mm)

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L15)
 InfoLithium® Rechargeable Battery (NP-FM50)
 Remote Commander® Remote Control (RMT-835)
 Component Video Cable
 A/V Cable (Stereo)
 Application CD-ROM w/ Driver
 USB Cable

Optional Accessories

Rechargeable InfoLithium® Batteries (NP-QM71/QM91D)
 Travel Charger (BCT-TRM)
 Carrying Case (LCS-HCF)
 Carrying Case (LCS-VA30)

UPC Code: 027242701847

- Actual battery life may vary based on product settings, usage patterns and environmental conditions. Designed for use with compatible Sony InfoLithium® batteries.
- 30GB means 30 billion bytes. Available storage capacity may vary and a portion of the memory is used for data management functions.
- Image size and files size may vary based upon the type and complexity of the image recorded.
- 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 MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460, 1GB=940, 2GB=1.85GB.
- Viewable area measured diagonally.

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 Screen Images Simulated

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