

NEW

▲ Step-up

Powerful and practical, the DCR-DVD508 merges quality with performance. Letting you easily record to DVD-R/-RW/+RW/+R DL (Dual Layer) media formats, there's no better way to share your moments with everyone. A professional quality Carl Zeiss® Vario-Sonnar® T* Lens sees all so you never have to miss any detail ever again.

- ▲ **3.0 Megapixel (Gross) ClearVid™ CMOS Sensor**
1/2.9" ClearVid™ CMOS Sensor with 2280K (effective) pixels (16:9) provides stunning detail and clarity with exceptional video (up to 530 lines of horizontal resolution) and still image performance. The Megapixel technology enhances your digital videos and digital still (3040K) photography performance (4:3).
- **DVD Format Video Recording**
The DVD recording format delivers digital picture and sound quality comparable to that of MiniDV, but on DVD. Playback of the DVDs couldn't be simpler. After finalizing the disc in the camcorder, the disc can play back in most DVD Players, computers and even PlayStation® 2 and PlayStation 3 video game consoles².
- **DVD-R/RW/+RW and +R DL (Dual Layer) Compatible⁶**
The DCR-DVD508 is compatible with a variety of DVD formats allowing the ease of use and simplicity found in DVD Media. With DVD+RW media there is not a need to finalize the disc (minimum recording required). Simply remove the disc and insert the media into a compatible DVD Player.
- **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 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 DCR-DVD508 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.
- **2.7" Wide (16:9) Hybrid Touch Panel Clear Photo™ plus LCD (211K Pixels)⁷**
The 2.7" 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. In addition, record an audio track to narrate what is being seen during the video.
- **Memory Stick Duo™ Media Slot⁵**
Capture still images up to 2848x2136 (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® (Optical) Image Stabilization System**
An advanced form of Sony's SteadyShot Image Stabilization system that controls a 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.
- **On Screen Zoom and Record Buttons**
For additional control of the camcorder, the DCR-DVD508 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 DVD 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 DVD burner, convenient for making copies of your DVDs or burning edited movies.
- **One Touch Wide Angle Shooting**
Easily switch between 16:9 and 4:3 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.

ADDITIONAL FEATURES

- Super NightShot® Infrared System
- InfoLithium® Battery with AccuPower™ Meter System
- Manual Focus
- Scene Selection Modes
- Picture Effects
- Fader Effects
- Battery Information
- Easy Handycam Button
- Multi Language Menu



WIDE LCD



MEMORY STICK PRO DUO



Specifications

General

Imaging Device: 1/2.9" ClearVid™ CMOS Sensor
 Pixel Gross: 3200K Pixels
 Recording Media: 3" (8cm) DVD (DVD-R/DVD-RW/DVD+RW/DVD+R DL)*
 Recording and Playback Times: Single Layer - HQ: 20 min., SP: 30 min., LP 60 min.
 Dual Layer - HQ: 35 min., SP: 55 min., LP 110 min.
 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 5.1ch

Convenience

USB Streaming: N/A
 SteadyShot® Image Stabilization: Yes (Super; Optical)
 Accessory Shoe: 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
 Minimum Illumination: 1.5 Lux (0 Lux with Super NightShot® Infrared System)
 Low Light Capability: Super NightShot® System

Convenience Features

Easy Operation: Yes
 Fader Effects: Black and White
 Multiple Language Display: Yes
 Remote Control: Yes
 Slide Show Mode: Yes
 Titling: N/A
 Light/Flash: Yes/Yes
 Scene Mode(s): Beach, Fireworks, Landscape, Portrait, Snow, Spotlight, Sunrise & Sunset, Twilight and Twilight Portrait
 Picture Effect(s): Monotone, Pastel and Sepia
 Digital Picture Effect(s): Old Movie
 PictBridge Compatible: Yes

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 compliant)*
 Component Video (Y/Pb/Pr) Output(s): N/A
 Headphone Jack: N/A
 Microphone Input: Yes (thru Active Interface Shoe)
 Remote Jack: Yes (Mini Plug)
 S-Video Input(s): N/A
 S-Video Output(s): Yes (optional accessory)

Hardware

LCD: 2.7" (211K Pixels) Wide (16:9) Hybrid Touch Panel Clear Photo™ Plus LCD⁷
 Lens Type: Carl Zeiss® Vario-Sonnar® T*
 Viewfinder: Wide, Color (123K Pixels)
 Docking Station: N/A
 Microphone: Yes (Built-in 5.1ch)

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
 Focus: Full Range Auto, Manual (Touch Panel)
 Progressive Shutter Mode: Yes
 Shutter Speed: Auto, 1/2 - 1/500 (Scene Mode)
 Optical Zoom: 10X
 Digital Zoom: 20X

Power

Power Consumption: 4.5W / 4.7W (VF/LCD)
 Battery Type: InfoLithium® with AccuPower™ Meter System (NP-FH60)
 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 v. 2.0

Video

Video Recording System: DVD-Video/DVD-VR
 Video Signal System: NTSC color, EIA standards
 Analog-to-Digital Converter: N/A
 Format(s) Supported: MPEG2 (SD)

Dimensions

Weight: 1 lb 4 oz (590g)
 Measurements: 2 7/8" x 3 1/2" x 5 5/8" (70 x 87 x 142mm)

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)
 InfoLithium® Rechargeable Battery (NP-FH60)
 Remote Commander® Remote Control (RMT-835)
 A/V Cable (Stereo)
 USB Cable
 Application Software and USB Driver (CD-ROM)
 Enjoy Handycam DVD

Optional Accessories

Wireless Bluetooth® Microphone with Center Channel Capability (ECM-HW1)
 High Grade A/V Cable with S-Video (VMC-30FS)
 UPC Code: 027242701717

BATTERY LIFE¹

Battery ¹ (Fully charged)	Continuous Record Time VF/LCD/LCD Backlit Off/VF+LCD	Continuous Playback Time LCD On/Off
NP-FH50	70/65/70/65 min	105/120 min
NP-FH60	90/90/90/85 min	140/160 min
NP-FH70	150/140/150/135 min	135/150 min
NP-FH100	345/335/345/320 min	320/345 min

STILL IMAGE MODE³

Fine/Standard Picture Quality

Memory Stick Duo™ Media ⁵	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 ⁵	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	23500/59000	

1. Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions. Designed for use with compatible Sony InfoLithium® batteries.
 2. Playback on all home DVD players, computers, DVD drives, and 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.
 3. Image size and files size may vary based upon the type and complexity of the image recorded.
 4. Not all products with USB 2.0 connector may communicate with each other due to chipset variations.
 5. 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, 4GB=??
 6. Use of Sony DVD-R/RW/ RW/ R DL Media recommended. For third party media, confirm compatibility with manufacturer.
 7. Viewable area measured diagonally.

© 2007 Sony Electronics Inc. All rights reserved.
 Reproduction in whole or in part without written permission is prohibited. Sony, AccuPower, Clear Photo, ClearVid, Handycam, InfoLithium, like.no.other, Memory Stick, the Memory Stick Logo, Memory Stick Duo, Memory Stick PRO Duo, NightShot, Remote Commander, SteadyShot and SwivelScreen are trademarks of Sony. PlayStation is a trademark of Sony Computer Entertainment of America. Carl Zeiss and Vario-Sonnar are trademarks of Carl Zeiss. PictBridge is a trademark of CIPA. Microsoft and Windows are registered trademarks of Microsoft Corporation. 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