

**NEW**

▲ Step-up

- ▲ 1.0 Megapixel Advanced HAD™ CCD Imager  
1/6" Advanced HAD™ (Hole Accumulation Diode) CCD imager with 690K effective video pixels provides excellent detail and clarity, for exceptional digital video (up to 520 lines of resolution) and still image performance. Realize great looking digital still images with 1,000K effective pixels.
- Advanced HAD™ CCD Technology  
Enhanced CCD design allow more light to reach the imager which reduces video noise to improve signal-to-noise ratio by up to 6dB (2x better than a standard CCD). Particularly effective when shooting in dark situations.
- DVD Format Video Recording<sup>2</sup>  
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 camera, the disc plays back in compatible DVD Players, computers and even PlayStation® 2 and PlayStation 3 video game consoles.
- DVD-R/RW+ RW/+R DL (Dual Layer)  
The DCR-DVD308 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 PlayerCompatible<sup>4</sup>.
- 25X Optical/2000X Digital Zoom  
The optical zoom helps to bring the action up close 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-Tessar® Lens  
Carl Zeiss lens have an advanced optical multi-layer coating offering less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation, and perfect renditions of subtle tones.
- ▲ Dolby® Digital 5.1ch Recording  
The DCR-DVD308 will record in Dolby Digital 5.1ch surround sound with a built-in microphone. By recording in 5.1 channel surround sound you can 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" Hybrid SwivelScreen™ LCD Display (123K Pixels)Compatible<sup>7</sup>  
Provides excellent viewing clarity with improved resolution. The 123K pixel LCD rotates up to 270-degrees for multiple viewing angles, providing sharp, detailed images for monitoring or playback. The Hybrid LCD Screen provides accurate viewing in sunlight or bright light, virtually eliminating the "wash-out" common with traditional LCD screens.
- One Touch Wide Angle Shooting  
Easily switch between 16:9 and 4:3 aspect ratios for shooting with just the touch of a button.
- ▲ Memory Stick Duo™ Media Slot<sup>6</sup>  
Capture still images up to 1152x864 resolution, directly onto Memory Stick Duo® Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick™ devices.
- Visual Index Screen  
Shows thumbnail images of video clips and still images when playing back on your camcorder or DVD player, making your selection easier.
- 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.
- Super NightShot® Plus Infrared System  
An advanced version of Sony's NightShot® Infrared system that allows users to record natural color images in low-light conditions, but without the blurring common with other low-light recording systems.
- ▲ Active Interface Shoe  
Conveniently gives you the option of adding accessories such as lights, flashes and microphones to the camera, which can communicate with the camera and also draw power from the camera.
- USB 2.0 Interface<sup>3</sup>  
USB 2.0 interface provides an easy way to connect your DVD Handycam camcorder to computers 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.
- InfoLITHIUM® Battery with AccuPower™ Meter System  
Charge the battery at any time because unlike NiCad (Nickel Cadmium) batteries Sony's rechargeable Lithium-Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the approximate battery time remaining in minutes, in the viewfinder or the LCD screen.

**ADDITIONAL FEATURES**

- Progressive Shutter System
- Scene Selection Modes
- Fader Effect(s)
- Picture Effects
- Multi Language Menu



# DCR-DVD308

# DVD Handycam® Camcorder

## Specifications

### General

Imaging Device: 1/6" Advanced HAD™ CCD  
Pixel Gross: 1070K

Recording Media: 3" (8cm) DVD (DVD-R/DVD-RW/DVD+RW/DVD+R DL)<sup>5</sup> (sold separately)

Recording and Playback Times: Single Layer - HQ: up to 20 min., SP: up to 30 min., LP: up to 60 min.; Dual Layer - HQ: up to 35 min., SP: up to 55 min., LP: up to 110 min.

Video Actual: 670K Pixels (16:9), 690K Pixels (4:3)

Still Actual: 750K Pixels (16:9), 1000K Pixels (4:3)

### Audio

Recording Format: Dolby® Digital 5.1ch

Microphone: Yes (Built-in, 5.1ch)

### 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, Snow, Sports, Spotlight, Sunrise & Sunset and Twilight

Image Stabilization: Yes (Electronic)

### Convenience Features

Easy Operation: Yes

Multiple Language Display: Yes

Remote Control: 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® Plus

Fader Effect(s): Black, White

Tilting: N/A

### Video

Video Recording System: DVD-Video/DVD-VR

Analog-to-Digital Converter: N/A

Format: MPEG2 (SD)

Video Signal: NTSC color, EIA standards

### 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)<sup>3</sup>

i.LINK® Interface: N/A

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)

HDMI™ Connection Output(s): N/A

### Display

LCD Screen: "2.7" (123K Pixels) Wide (16:9) Hybrid Touch Panel LCD Display<sup>7</sup>

Viewfinder: Wide (16:9), Color (123K Pixels)

### Hardware

Docking Station: N/A

Light/Flash: N/A

### Optics/Lens

35mm Equivalent: 41-1189mm (16:9 Camera Mode), 43-1075mm (4:3 Camera Mode), 39-975mm (16:9 Memory Mode), 36-900mm (4:3 Memory Mode)

Aperture: f1.8 - 3.2

Exposure: Touch Panel (28 steps)

Filter Diameter: 30mm

Focal Distance: 2.5 - 62.5mm; Telemacro Mode - 380mm

Focus: Full Range Auto, Manual (Touch Panel)

Progressive Shutter Mode: Yes

Shutter Speed: Auto, 1/4-1/4000 (Scene Selection Mode)

Optical Zoom: 25X

Digital Zoom: 2000X

Resolution: 1MP

Lens Type: Carl Zeiss® Vario-Tessar®

Minimum Illumination: 4 Lux (0 Lux with Super NightShot® Plus Infrared System)

### Power

Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-FH40)

Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Power Consumption (In Operation): 2.9W/3.2W (VF/LCD)

### Service and Warranty Information

Limited Warranty Term: 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

### Dimensions

Weight: 16 oz (450g) with DVD Media and supplied battery

Measurements: 2 1/4" x 3 5/8" x 5 1/4" (54.5 x 89 x 130.5mm)

### Supplied Accessories

Power Adaptor/In Camera Charger (AC-L200)

InfoLITHIUM® Rechargeable Battery (NP-FH40)

Wireless Remote Commander® Remote Control (RMT-835)

A/V Cable

USB Cable

Enjoy Handycam Video

### Optional Accessories

High Grade A/V Cable with S-Video (VMC-30FS)

Wireless Bluetooth® Microphone with Center Channel Capability (ECM-HW1)

UPC Code: 027242701755

- Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions. Designed for use with compatible Sony InfoLITHIUM® batteries.
- Playback on all home DVD players, computer 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 discs and/or due to encoding incompatibilities. Refer to the specifications of your playback equipment for additional compatibility information.
- Not all products with a USB 2.0 connector may communicate with each other due to chipset variations.
- Recording time may vary depending upon the types of images and amount of movement you are shooting.

- Use of Sony DVDR/RW/RW/R DL Media recommended. For third party media, confirm compatibility with manufacturer.
- 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=3.66GB.
- Viewable area measured diagonally.

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### BATTERY LIFE<sup>1</sup>

Battery <sup>1</sup> (Fully charged)	Continuous Record Time VF/LCD/LCD Backlight Off	Continuous Playback Time LCD On/Off
NP-FH40	95/85/95 min	110/125 min
NP-FH50	110/100/110 min	130/145 min
NP-FH70	235/215/235 min	280/315 min
NP-FP100	545/495/545 min	635/725 min

### STILL IMAGE MODE<sup>4</sup>

Fine/Standard Picture Quality

Memory Stick Duo™ Media <sup>2</sup>	1152 x 864	1152 x 648 (16:9)	640 x 480 (VGA)
64MB	120/325	160/390	390/980
128MB	245/650	325/780	780/1970
Memory Stick PRO Duo™ Media <sup>2</sup>			
256MB	445/1150	590/1400	1400/3550
512MB	900/2400	1200/2850	2850/7200
1GB	1800/4900	2450/5900	5900/14500
2GB	3750/10000	5000/12000	12000/30000
4GB	7400/19500	9500/23500	23500/59000

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