

# DCR-DVD408

## DVD Handycam® Camcorder

**PRELIM**

**NEW**

▲ Step-up

The DCR-DVD408 is a high-end Handycam® camcorder that records to DVD-R/-RW/+RW/+R DL (Dual Layer) media formats. It allows for exceptional quality and easy sharing capabilities. The Dual Record feature lets it capture still images while recording video. The DCR-DVD408 allows a multitude of video transfer options above and beyond DVD formats.

- ▲ 2.1 Megapixel (Gross) ClearVid™ CMOS Sensor  
1/3" ClearVid CMOS Sensor with 1430K (effective) pixels 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 (3980K) photography performance.
- 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 consoles<sup>2</sup>.
- DVD-R/-RW/+RW/+R DL Compatible<sup>6</sup>  
The DCR-DVD408 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/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 DCR-DVD408 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) Touch Panel Clear Photo™ plus LCD (211K Pixels)<sup>7</sup>  
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 Slot 5  
Capture still images up to 2304x1728 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 DCR-DVD408 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 Interface<sup>4</sup>  
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



## Specifications

### General

Imaging Device: 1/3" ClearVid™ CMOS Sensor  
Pixel Gross: 2100K  
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: 1430K Pixels (16:9), 1080K Pixels (4:3)  
Still Actual: 1490K Pixels (16:9), 1990K Pixels (4:3)

### Convenience

USB Streaming: N/A  
SteadyShot® Image Stabilization: Yes (Super Electronic)  
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, White  
Multiple Language Display: Yes  
Remote Control: Yes  
Slide Show Mode: Yes  
Titrting: N/A  
Light/Flash: N/A / Yes  
Scene Mode(s): Beach, Candle, Fireworks, Landscape, Portrait, SpotLight, Sunrise & Sunset, Snow, Twilight and Twilight Portrait (Still Only)  
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) Touch Panel SwivelScreen™ Hybrid LCD Display\* - Clear Photo LCD Plus™  
Lens Type: Carl Zeiss® Vario-Sonnar® T\*  
Viewfinder: Wide (16:9) Color (123K Pixels)  
Docking Station: N/A  
Microphone: Yes (Built-in 5.1ch)

### Optics/Lens

35mm Equivalent: 41.3-485 (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 (24 steps)  
Filter Diameter: 37mm  
Focal Distance: 5.1-51mm  
Focus: Full Range Auto, Manual (Touch Panel)  
Progressive Shutter Mode: Yes  
Shutter Speed: Auto, 1/2-1/500(Scene Selection)  
Optical Zoom: 10X  
Digital Zoom: 80X

### Power

Power Consumption: 4.0W/4.2W (LCD/VF)  
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 ver. 2.0

### Video

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

### Dimensions

Weight: 1 lb. 4 oz. (570g) with DVD Media and supplied battery  
Measurements: 2 7/8" x 3 1/2" x 5 5/8" (70 x 87 x 145mm)

### 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  
Enjoy Handycam Video

### Optional Accessories

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

UPC Code: 027242701731

- Actual battery life may vary based on product settings, usage patterns and environmental conditions. Designed for use with compatible Sony InfoLithium® batteries.
- 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.
- 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, 4GB=3.66GB.
- Use of Sony DVD-R/RW/RW/R DL Media recommended. For third party media, confirm compatibility with manufacturer.
- Viewable area measured diagonally.

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Screen Images Simulated

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