

## PRELIMINARY

## DVD Handycam® Camcorder

### ▲ Step-Up Feature



Truly an attention getter the DCR-DVD7 combines style and design. Utilizing Carl Zeiss® optics, 10X optical zoom along with a 2.5" Hybrid Touch Panel LCD Screen capturing your memories has never been more fun.

### 1/6" Advanced HAD™ CCD Imager, 680K Pixels Gross

1/6" Advanced HAD™ (Hole Accumulation Diode) CCD with 340K (effective) pixels provides stunning detail and clarity with exceptional video (up to 500 lines of horizontal resolution) and still image performance.

### 10X Optical/120X 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-Tessar® 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.

### SteadyShot® Picture Stabilization System

Picture stabilization system that uses motion sensors to detect and compensate for camera "shake" without compromising picture quality like some other digital stabilization systems.

### 2.5" Touch Panel SwivelScreen™ LCD Display (123K Pixels)

Provides excellent viewing clarity with improved resolution. The high resolution 123K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback.

### USB 2.0 Interface\*

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.

### DVD-R/RW and +RW Compatible<sup>2</sup>

The DCR-DVD7 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.

### InfoLithium® Battery with AccuPower™ Meter System<sup>1</sup>

Charge the battery at anytime 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 either the viewfinder or on the LCD screen.

### Picture Package™ Software

Easily organize still images and video, and turn them into stunning music videos using the supplied software.

### Super NightShot® Plus Infrared System

With Sony's Super 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, but without the overall monochrome color common with earlier low-light recording systems.

### Program AE (Auto Exposure) Modes

Program AE modes make recording easy even when filming in challenging situations. Choose from Portrait, Beach & Ski, Sports Lesson, Landscape, Spotlight or Sunset & Moon modes.

### Picture Effects

Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in camera and playback modes: Sepia, Monotone, Pastel and Mosaic.

### Fader Effects

Enhance your personal videos by adding professional looking fader effects. Choose from Black, White, Overlap and Wipe.

### Battery Information

At the touch of a button, battery information is displayed on the LCD screen when charging and when the camcorder is turned off. The display will show how much the battery is charged, in 10% increments and the recordable time left when using the LCD screen or in the viewfinder.

### Manual Focus

Allows the user to manually adjust the focus of the camcorder using the touch panel. Manual focusing also allows the user to control the focus in difficult situations where either the environment or the subject does not allow the camcorder's auto focus to perform optimally, such as when shooting through a window or in a crowded environment.

### Easy Handycam Button

Using a camcorder can be intimidating for some people, so with a press of the Easy Handycam button, most of the advanced features of the camcorder are "locked out" leaving only the buttons essential for recording operational.



Sony. Engineered to be effortless.

LIKE NO OTHER™

# HANDYCAM

## DVD Handycam® Camcorder

## Specifications

**Imaging Device:** 1/6" 680K Gross Pixel CCD  
**Video Actual:** 340K Pixels  
**Still Actual:** 340K Pixels  
**F:** 1.7 – 2.2  
**Focal Distance:** 2.3 – 23mm  
**35mm Conversion:** 44 – 440mm  
**Filter Diameter:** N/A  
**Optical Zoom:** 10X  
**Digital Zoom:** 120X  
**Carl Zeiss® Lens:** Yes, Vario-Tessar®  
**Focusing:** Full Range Auto/Manual (Touch Panel)  
**SteadyShot Image Stabilization:** Yes, Super SteadyShot  
**Minimum Illumination:** 5 Lux  
**NightShot® Infrared System:** Color Slow Shutter  
**Shutter Speed:** 1/4 – 1/4000 (AE Mode)  
**Viewfinder:** N/A  
**LCD:** 2.5" Hybrid Color Touch Panel (123K)  
**Accessory Shoe:** N/A  
**Video Input/Output:** Yes/Yes (multi A/V)  
**Audio Input/Output:** Yes/Yes (Stereo, Multi)

**Interface Connector for Handycam Station:** N/A  
**USB:** Yes; 2.0<sup>4</sup>  
**USB Streaming:** N/A  
**LANC (Accessory) Terminal:** N/A  
**DVD Media Compatibility:** DVD-R/-RW and +RW<sup>2</sup>  
**Headphone Jack:** N/A  
**Mic. Input:** N/A  
**White Balance:** Auto/Outdoor/Indoor/One-push  
**Exposure:** Yes, Touch Panel (24 steps)  
**Power Consumption (LCD):** 3.0W  
**Dimensions (WHD):** 5" x 4" x 2" (121 x 101 x 49mm)  
**Weight:** 13 oz. (360g)  
**Supplied Accessories:** AC-A200 Power Adapter/ In-Camera Charger, NP-FA50 InfoLithium® Rechargeable Battery, RMT-835 Remote Commander Remote Control, Stereo AV Cable, DVDR30 DVD Media, USB Cable, Shoulder Strap, Wrist Strap, Cleaning Cloth, Base, CD-ROM with USB Driver (Picture Package™ Software Ver. 1.5 for Sony)

## Service and Limited Warranty

1 Year Parts  
 90 Days Labor  
**UPC Code:** 027242671867

## Optional Accessories

NP-FA70 High Capacity InfoLithium™ Batteries  
 BC-TRA  
 LCS-DVD7 Carrying Case  
 VMC-30FS Telephoto Lens  
 VMC-HG30FS High-Grade Telephoto Lens

Battery Life <sup>1</sup>		
Battery (Fully Charged)	Continuous Record Time LCD On/Off	Continuous Playback Time LCD On/Off
NP-FA50	90/100 min	100/115 min
NP-FA70	170/190 min	190/215 min
* Results may vary depending upon conditions.		



Memory Mode <sup>3</sup>	
Still Pictures-Fine/Standard (approx.)	
DVD Media	640x480 VGA
-R	5100/8100
-RW	5400/8600
+RW	2950/3800

Record Times <sup>3</sup>	
Single Sided Discs	
HQ (High Quality)	Up to 20 minutes
SP (Standard Play)	Up to 30 minutes
LP (Long Play)	Up to 60 minutes
* Recording time may vary depending upon the types of images that you are shooting.	

<sup>1</sup> Battery life may vary depending upon usage patterns. Designed for use with Sony InfoLithium® batteries.

<sup>2</sup> Playback on all home DVD players, computer DVD drives, and PlayStation 2 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.

<sup>3</sup> Image size and file size may vary based upon the type and complexity of the image recorded.

<sup>4</sup> Not all products with USB 2.0 connector may communicate with each other due to chipset variations.

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