

# DCR-DVD100

## DVD Handycam® Camcorder



### FEATURES

#### 1/4" Advanced HAD™ CCD Imager, 680K Pixels Gross

1/4" Advanced HAD (Hole Accumulation Diode) CCD with 340K (effective) video pixels provides excellent detail and clarity, with exceptional digital video (up to 500 lines of resolution) and still image performance. Realize great looking digital still images utilizing 340K (effective) pixels.

#### ▶ DVD<sup>1</sup> Format Video Recording

The DVD recording format delivers digital video and sound quality comparable to that of MiniDV. Playback of the DVD media is simple and convenient. After finalizing the disc in the camcorder, the DVD disc will playback in most compatible DVD Players, computers and even PlayStation® 2 video game consoles.

#### Professional Quality Carl Zeiss® Vario-Sonnar® Lens



Carl Zeiss lenses 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.

#### 10X Optical/120X 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.

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

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

#### Color Viewfinder



Provides a clear, color view of subjects and makes spotting and/or following subjects easier.

#### Digital Still Memory Mode



Digital Still Memory Mode captures high quality still images at 640 x 480 resolution directly to DVD-R or DVD-RW media. Images are stored in the JPEG format providing easy transfer to PCs for emailing, printing, or sharing with family and friends.

#### ▶ Visual Index Screen

Shows thumbnail images of movies and still images when playing back on your camcorder or DVD player, making scene selection easier.

#### ▶ USB 2.0 Interface



USB 2.0 interface provides an easy way to connect your DVD Handycam® Camcorder to computers for fast transfer of video and still images for editing. The camcorder can also be used as an external DVD burner, convenient for making copies of your DVDs or burning edited movies.

#### Super NightShot Infrared System and Color Slow Shutter



With Super NightShot infrared system capture video in total darkness (0 lux) up to 10 feet away. Super NightShot mode automatically adjusts the shutter speed to increase picture brightness and clarity. Color Slow Shutter mode allows you to record in low light situations with full color detail by slowing down the shutter speed.

#### 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.

#### 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.

#### Analog Inputs

Record any analog NTSC source to digital video via the analog inputs. Perfect for archiving analog tape recordings. This recorded video can then be edited on your computer.

#### 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 battery time remaining in minutes, in the viewfinder or the LCD screen.

#### Battery Information



Battery Information is momentarily displayed without having to power on the camcorder. Quickly access the battery's status by pressing the Battery Info button. The Recording Time Available is displayed in minutes, on either the LCD screen or viewfinder.

#### Intelligent Accessory 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

#### Dolby Digital® AC-3 (2 Channel) Stereo Audio Recording

An advanced form of Digital Audio recording, with sophisticated noise reduction technology, that provides outstanding, lifelike sound quality in almost any situation.

#### Program AE (Auto Exposure) Modes



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

<sup>1</sup> DVD-R/RW discs recorded by Sony DVD Handycam Camcorders are designed to be compatible with and may be played back on most home DVD players, computer DVD drives and PlayStation® 2 video game consoles sold in the U.S.\*

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## ADDITIONAL FEATURES

Date/Time Display	Manual Focus
Digital Picture Effects	Microphone Jack
Disc Titling	Picture Effect Modes
EXIF 2.2	Playback Zoom
Exposure Control	White Balance Adjustment
Fader Modes	World Clock

## SPECIFICATIONS

**Imaging Device:** 1/4", 680K Gross Pixels Advanced HAD™ CCD

**Video Actual:** 340K Pixels

**Still Actual:** 340K Pixels

**F:** 1.7-2.2

**Focal Distance:** 3.3-33mm

**35mm Conversion:** 42-420mm (Camera Mode)  
42-420mm (Memory Mode)

**Filter Diameter:** 30mm

**Optical Zoom:** 10X

**Digital Zoom:** 120X

**Focusing:** Full Range Auto/Manual (Dial)

**Minimum Illumination:** 5 Lux (0 Lux with NightShot®  
Infrared System)

**NightShot® Infrared System:** Super NightShot, Color Slow Shutter

**Shutter Speed:** Auto, 1/4-1/4000 (Program AE)

**Memory Mode:** Yes, 640 x 480

**Viewfinder:** Color (113K)

**LCD:** 2.5" Color (123K)

**Intelligent Accessory Shoe:** Yes

**Video Input/Output:** Yes/Yes (Mini & S-Video)

**Audio Input/Output:** Yes/Yes (Stereo, Special)

**i.LINK® Interface (IEEE1394):** N/A

**USB Terminal:** Yes (High-Speed 2.0 Capable)

**USB Streaming:** N/A

**Headphone Jack:** N/A

**Mic-Input:** Yes (Stereo)

**White Balance:** Auto/Outdoor/Indoor/Hold (Menu)

**Exposure:** Yes, Dial (24 Steps)

**Power Consumption (VF/LCD/VF+LCD):** 5.5W/6.5W/6.7W

**Software OS Compatibility:** Microsoft® Windows® 2000 Professional, Me,  
XP Home/Professional Operating Systems

**Dimensions (WHD):** 2 5/8" x 3 3/4" x 5 5/8" (66mm x 99mm x 142mm)

**Weight:** 1 lb 6 oz (640g) without disc and battery

**Supplied Accessories:** AC-L15A Power Adaptor/In Camera Charger,  
NP-FM50 InfoLithium® Rechargeable Battery, RMT-820 Wireless  
Remote Commander® Remote Control, 2 AA Batteries, Stereo A/V  
Cable, Lens Cap, Cleaning Cloth, Blank DVD-R Media, USB Cable,  
CD-ROM with USB Driver SPVD-0011 (Pixela ImageMixer™  
Software Ver. 1.5 for Sony).

## worry FREE™ BATTERY LIFE

Battery <sup>2</sup> (Fully charged)	Rec Time VF/LCD/VF+LCD	Playback Time LCD On/Off
NP-FM50	85/70/70 min	80/100 min
NP-FM70	185/155/150 min	175/210 min
NP-FM90	280/235/230 min	265/325 min
NP-FM91	325/275/265 min	305/375 min
NP-QM71/71D	215/180/175 min	205/245 min
NP-QM91/91D	325/275/265 min	305/375 min

## RECORD TIMES (Single Sided Discs)

HQ (High Quality)	Approximately 20 minutes
SP (Standard Play)	Approximately 30 minutes
LP (Long Play)	Approximately 60 minutes

## STILL IMAGE MODE (Approx)

Resolution	DVD-R	DVD-RW	VR Mode
	(Fine/Standard)	(Fine/Standard)	(Fine/Standard)
640 x 480	5100/8200	5400/8700	5500/8800

## OPTIONAL ACCESSORIES

ACC-DVDM Starter Kit	DMR30/60DS DVD-R Media
LCS-VA5 High Grade Carrying Case	DMW30/60DS DVD-RW Media
AC-SQ950D AC/DC Quick Charger for Super Quick Batteries	VCL-HG0730 High Grade Wide Angle Lens
NP-QM71D/91D Super Quick High Capacity InfoLithium® Batteries	HVL-F1000 Flash
NP-FM50/FM70/FM90 High Capacity InfoLithium® Batteries	VCT-870RM Remote Control Tripod
	ECM-HS1 Zoom Microphone
	VF-30NK Neutral Density Filter Kit

\*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>2</sup> Battery life may vary depending on usage patterns.

# SONY

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