

30GB Handycam® Camcorder

▲ Step-up

The compact DCR-SR100 houses a 30GB Hard Disk Drive to store all your high-quality stills and videos. Plus, you can easily connect you camcorder to a PictBridge enabled printer and print your 3.0 Megapixel stills instantly. And also bring your home movies to life with 5.1ch surround sound recording.

▲ **3.3 Megapixel (Gross) Advanced HAD™ CCD Imager**

1/3" AdvancedHAD™ (Hole Accumulation Diode) CCD with 2048K (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 (3048K) photography 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-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-SR100 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 Touch Panel SwivelScreen™ LCD Display (123K Pixels)**

The 2.7" Wide (16:9) LCD screen provides excellent viewing clarity. The high resolution 123K 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.

■ **Digital Still Memory Mode**

Capture still images up to 2016x1512 resolution, directly onto the internal 30GB Hard Disk Drive for easy transfer to PCs for emailing and printing via the computer.

■ **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-SR100 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 Interface³**

USB 2.0 interface provides an easy way to connect your Hard Disk 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 storage device, convenient for archiving, storing and transporting your videos and still images.

■ **One Touch Wide Angle Shooting**

Easily switch between 4:3 and 16:9 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.

■ **Super NightShot® Infrared System**

With Sony's NightShot® infrared system, capture video in total darkness (0 lux) up to 10 feet away. Super NightShot recording 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.

■ **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.

■ **Program AE (Auto Exposure) Modes**

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

ADDITIONAL FEATURES

- Picture Effects
- Fader Effects
- InfoLithium® Battery with AccuPower™ Meter System¹
- Battery Information
- Easy Handycam Button
- Picture Package™ Software



WIDE LCD



HANDYCAM

30GB Handycam® Camcorder

Specifications

General

Imaging Device: 1/3" CCD
Pixel Gross: 3310K
Recording Media: 30GB Hard Disk Drive
Recording and Playback Times: HQ: 440 min., SP: 650 min., LP 1250 min.
Video Actual: 2048K Pixels
Still Actual: 3048K Pixels

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: N/A
Still Image Mode(s): JPEG
Minimum Illumination: 5 Lux (0 Lux with Super NightShot® Infrared System)
Low Light Capability: Super NightShot®

Inputs and Outputs

Analog Audio/Video Input(s): Yes (Multi A/V)
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)
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): Yes (optional accessory)
S-Video Output(s): Yes (optional accessory)

Hardware

LCD: 2.7" (123K Pixels Wide 16:9 Touch Panel SwivelScreen™ LCD Display)
Lens Type: Carl Zeiss® Vario-Sonnar® T*
Viewfinder: Color (123K Pixels)
Docking Station: N/A
Microphone: Yes (Built-in 5.1 Channel)

Optics

35mm Equivalent: 42.8-495mm (16:9 Camera Mode), 45-450mm (4:3 Camera Mode), 40.6-406mm (16:9 Memory Mode), 37-370mm (4:3 Memory Mode)
Aperture: f1.8-f2.9
Exposure: Touch Panel (24 steps)
Filter Diameter: 30mm
Focal Distance: 5.1-51mm
Focus: Full Range Auto, Manual (Touch Panel)
Progressive Shutter Mode: Yes
Shutter Speed: Auto, 1/4-1/4000 (AE Mode)
Optical Zoom: 10X
Digital Zoom: 120X

Power

Power Consumption: 3.9/4.3W (VF/LCD)
Battery Type: InfoLithium® with AccuPower™ Meter System (NP-FP60)
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: ImageMixer for Hard Disk Drive Handycam® Camcorder

Video

Video Recording System: MPEG2
Video Signal System: NTSC color, EIA standards
Analog-to-Digital Converter: Yes (Signal Convert)

Dimensions

Weight: 1 lb. 6 oz. (615g) with Battery
Measurements: 3 1/6" x 2 7/8" x 5 13/15" (80.5 x 68.5 x 149mm)

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)
 InfoLithium® Rechargeable Battery (NP-FP60)
 Remote Commander Remote Control (RMT-835)
 A/V Cable (Stereo)
 ImageMixer for Hard Disk Drive Handycam® Camcorder
 USB Cable

Optional Accessories

Starter Kit (ACC-FP71)
 Rechargeable InfoLithium® Batteries (NP-FP50/FP71/FP90)
 Travel Charger (BC-TRP)
 AC Charger & Power Supply (AC-VQP10)
 Filter Kit (VF-30CPKXS)
 Wide Angle Lens (VCL0630X)
 High Grade Wide Angle Lens (VCL-HG0730X)
 Tele Conversion Lens (VCL-2030X)
 High Grade Tele Conversion Lens (VCL-HG2030)
 Video Light (HVL-HL1)
 Video Light & Flash (HVL-HFL1)
 Tripod (VCT-R640)
 Pocket Tripod (VCT-MTK)
 Soft Case (LCM-HCF)
 Carrying Case (LCS-VA30)
 Wireless Bluetooth™ Microphone with Center Channel Capability (ECM-HW1)
 Stereo Microphone (ECM-HST1)
 A/V Cable with S-Video (VMC-30FS)
 Sports Pack (SPK-HCB)
 High Grade A/V Cable with S-Video (VMC-30FS)

BATTERY LIFE³

Battery ³ (Fully charged)	Continuous Record Time VF/LCD/LCD Bcklt Off/VF+LCD	Continuous Playback Time LCD On/Off
NP-FP50	65/60/65/55 min	105/125 min
NP-FP60	105/95/100/90 min	105/125 min
NP-FP70	145/130/140/125 min	225/265 min
NP-FP71	175/155/170/150 min	270/315 min
NP-FP90	260/235/255/225 min	400/475 min

RECORD TIMES²
(30GB Hard Disk)

HQ (High Quality)	Up to 440 minutes
SP (Standard Play)	Up to 650 minutes
LP (Long Play)	Up to 1250 minutes

STILL IMAGE MODE²

Fine/Standard Picture Quality

30GB Hard Disk	2016x1134 3.0MP	1600x1200 2.3MP (16:9)	640x480 1.9MP	VGA
	9999/9999	9999/9999	9999/9999	9999/9999

1. Battery life may vary depending upon usage patterns. Designed for use with compatible Sony InfoLithium® batteries.
 2. Image size and files size may vary based upon the type and complexity of the image recorded.
 3. Not all products with USB 2.0 connector may communicate with each other due to chipset variations.

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