SONY

Housing a 60GB⁵ Hard Disk Drive, the DCR-SR80 is ideal for storing massive amounts of video and still images. With a 1 Megapixel still capture feature, you can create pictures in 16:9 format and save them directly to the Hard Disk Drive. 12x Optical/800x Digital Zoom makes sure everything you shoot through the Carl Zeiss® Vario·Tessar® Lens is vibrant, clear, and true to life.

▲ Step-up
◆ New

▲ 1.0 Megapixel Advanced HAD™ CCD Imager; 1070K Gross
1/5.5" Advanced HAD™ (Hole Accumulation Diode) CCD with 690K (effective) video pixels provides stunning detail and clarity, for exceptional video (up to 520 lines of horizontal resolution) and still image performance. Realize great looking digital still images with 1,000k effective pixels.

▬ 12X Optical/800X 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 for increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones.

▲ 2.7" Wide Touch Panel SwivelScreen™ LCD Display (123K Pixels)⁴
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 1152x864 resolution, directly onto the internal 60GB 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.

▬ 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 trasporting your videos and still images.

◆ Handycam® Station
Simply placing the camcorder on the supplied Handycam Station cradle provides quick connections to a TV for viewing or a PC for editing and sharing, all while charging the battery so your camcorder is always ready to go.

◆ DVDirect™ Compatibility
The DVDirect system allows for easy transfer to a stand-alone DVD Burner via USB 2.0. The VRD-MC30 allows for easy transfer of video for DVD Burning. While the VRD-MC3 allows for seamless transfer of both Video and Still images for archiving on a DVD.

▬ Easy PC Backup
Easily back up your footage to your PC using the supplied software. The footage will be stored on your PC's hard drive for archiving purposes and viewing at a later time; the footage is stored by date allowing for quick access. In addition, only new footage is transferred to your PC each time you Backup your footage.

▬ One Touch DVD Burn
Easily burn a DVD copy of your footage using the supplied software. Simply connect you DCR-SR80 to your PC via the Handycam Station and supplied USB ³ cable and press the One Touch DVD Burn button.

▲ One Touch Wide Angle Shooting
Easily switch between 16:9 and 4:3 aspect ratios for shooting, with just the touch of a button.

▬ HDD Smart Protection
A unique Shock Absorber protects the Hard Disk Drive from physical damage if the unit is dropped. When the 3G Sensor detects a drop (loss of gravity) the power to the Hard Disk Drive is turned off in order to prevent damage, during this time the DCR-SR80 remains powered on and recording video to the built-in buffer. Once the unit has recovered from the drop the buffer is then recorded to the Hard Disk Drive.

▲ 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® Plus Infrared System
With Sony's Super NightShot Infrared System you can capture natual 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 commone with earlier low-light recording systems.

ADDITIONAL FEATURES

▬ Manual Focus

▬ Analog Inputs

▬ On Screen Zoom and Record Buttons

▬ Program AE (Auto Exposure) Modes

▬ Picture Effects

▬ Fader Effects

▬ InfoLithium® Battery with AccuPower™ Meter System¹

▬ Battery Information

▬ Easy Handycam Button

▬ Tele Macro Function

60GB Hard Disk Drive

HDD HARD DISK DRIVE

ZEISS

WIDE LCD

HDD Smart Protection

Super NightShot

PictBridge

ImageMixer for HDD Camcorder

like.no.other™

Specifications

General

Imaging Device: 1/5.5" 1070K Gross Pixels CCD

Pixel Gross: 1070K

Recording Media: 60GB[5] Hard Disk Drive

Recording and Playback Times: HQ: 14 hours, SP: 20 hours, LP 40 hours

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

Still Actual: 746K Pixels (16:9), 1000K Pixels (4:3)

Audio

Dolby® Digital Output: N/A

Recording System: Dolby Digital AC3 (2 Channel)

Convenience

USB Streaming: N/A

SteadyShot® Image Stabilization: Yes (Super; Electronic)

Accessory Shoe: Yes, Active Interface Shoe

White Balance: Auto, Indoor, One-push, Outdoor

Memory Stick PRO™ Media Compatibility: N/A

Still Image Mode(s): JPEG

Minimum Illumination: 7 Lux (0 Lux with Super NightShot® Plus Infrared System)

Low Light Capability: Super NightShot® Plus

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 High Speed Compliant (Handycam Station)[3]

Component Video (Y/Pb/Pr) Output(s): N/A

Headphone Jack: N/A

Microphone Input: Yes (via Active Interface Shoe)

Remote Jack: Yes

S-Video Input(s): N/A

S-Video Output(s): Yes (via optional accessory)

HDMI™ Connection Output(s): N/A

Hardware

LCD: 2.7" (123K Pixels) Wide (16:9) Hybrid Touch Panel SwivelScreen™ LCD Display[4]

Lens Type: Carl Zeiss® Vario-Tessar®

Viewfinder: N/A

Docking Station: Yes; Handycam Station

Microphone: Yes (Built-in)

Optics/Lens

35mm Equivalent: 46-628.5mm (16:9 Camera Mode), 48-576mm (4:3 Camera Mode), 43.6-523.2mm (16:9 Memory Mode), 40-480mm (4:3 Memory Mode)

Aperture: f1.8-f2.5

Exposure: Yes, Touch Panel (24 steps)

Filter Diameter: 30mm

Focal Distance: 3.0 - 36mm

Focus: Full Range Auto/Manual (Touch Panel)

Progressive Shutter Mode: Yes

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

Optical Zoom: 12X

Digital Zoom: 800X

Resolution: 1MP

Power

Power Consumption: 2.8W/2.6W (LCD BL On/LCD BL Off)

Battery Type: InfoLithium® with AccuPower™ Meter System (NP-FP50)[1]

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 (SD)

Analog-to-Digital Converter: Yes

Format(s) Supported: Non-Removeable Hard Disk Drive

Dimensions

Weight: 14oz. (400g)

Measurements: 2 3/4" x 2 7/8" x 4 5/8" (69 x 71 x 117mm)

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L15)

Rechargeable InfoLithium® Battery (NP-FP50)

Handycam Station

A/V Cable

Lens Cap

ImageMixer for Hard Disk Drive Handycam® Camcorder (Application Software, Drivers and Handbook)

USB Cable

Optional Accessories

Starter Kit (ACC-FP71)

Rechargeable InfoLithium® Batteries (NP-FP50/FP71/FP90)

Travel Charger (BC-TRP)

Soft Carrying Case (LCS-VAC)

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

Wide Angle Lens (VCL-0630X)

Tele Conversion Lens (VCL-2030X)

Video Light (HVL-HL1)

High Grade Stereo Microphone (ECM-HST1)

Wireless Bluetooth® Microphone (ECM-HW1)

DVDirect - Video Only (VRD-MC30)

DVDirect - Video and Still (VRD-MC3)

UPC Code: 027242702950

BATTERY LIFE[1]

Battery[1] (Fully charged)	Continuous Record Time LCD BckIt On/LCD BckIt Off	Continuous Playback Time LCD On/Off
NP-FP50	100/105 min	115/120 min
NP-FP70	205/225 min	240/255 min
NP-FP71	245/270 min	290/300 min
NP-FP90	370/400 min	435/455 min

STILL IMAGE MODE[2]
Fine/Standard Picture Quality

60GB[5] Hard Disk	1152x864 (4:3)	1152x648 (16:9)	640x480 (VGA)
	9999/9999	9999/9999	9999/9999

1. Actual battery life may vary based on product settings, usage patterns and environmental conditions. 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.
4. Viewable area measured diagonally
5. 60GB means 60 billion bytes. Available storage capacity may vary and a portion of the memory is usesd for data management functions.

Please visit the Dealer Network for more information at www.sony.com/dn