

DCR-SR300

Hard Disk Drive Camcorder - 40GB²

PRELIM

NEW

▲ Step-up

With a 30 GB built-in HDD and 3 Megapixel ClearVid™ CMOS Sensor, the DCR-SR300 captures and contains up to 20 hours of video (LP). The Still Image Capture Mode takes up to 6.1 Megapixel still images. A number of interface ports make it simple to transfer and share your videos and still images to a PC.

- ▲ 3.0 Megapixel (Gross) ClearVid™ CMOS Sensor
1/2.9" ClearVid™ CMOS Sensor with 3040K (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 (3040K) photography performance.

- 10X Optical/20X 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-SR300 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) Hybrid Touch Panel Clear Photo™ Plus LCD6 (211K Pixels)
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 Slot5
Capture still images up to 2848x2136 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick® media devices.

- Super SteadyShot® (Optical) Image Stabilization System
An advanced form of Sony's SteadyShot Image Stabilization system that controls an even higher range of shake and vibration frequencies. This optical stabilization system achieves an even higher level of smoothness without degradation of video like some digital stabilization systems.

- On Screen Zoom and Record Buttons
For additional control of the camcorder, the DCR-SR300 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.

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

- USB 2.0 Interface4
USB 2.0 interface provides an easy way to connect your Hard Disk Drive 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.

- Handycam® Station
Simply placing the camcorder on the supplied Handycam Station 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.

- DVDDirect® Compatibility
The DVDDirect system allows for easy transfer to a stand-alone DVD Burner via USB 2.0. The VRD-VC30 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.

- 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.

- One Touch Disc Burn
Easily burn a DVD copy of your footage using the supplied software. Simply connect the DCR-SR300 to your PC via the Handycam Station and supplied USB cable and press the Disc Burn button.

ADDITIONAL FEATURES

- Easy PC Backup
- HDD Smart Protection
- Active Interface Shoe
- Super NightShot® Infrared System
- InfoLithium® Battery with AccuPower™ Meter System
- Manual Focus
- Scene Selection Modes
- Picture Effects
- Fader Effects
- Battery Information

HDD
HARD DISK DRIVE

40GB
Hard Disk Drive

ClearVid
CMOS Sensor

DOLBY
DIGITAL
5.1 CREATOR

Super Steady Shot
(Optical)

ZEISS

Handycam
Station
Supplied

Clear Photo
LCD Plus

HDD
Smart
Protection

One Touch
DVD Burn

MEMORY STICK PRO DUO

PictBridge



DCR-SR300

Hard Disk Drive Camcorder - 40GB²

Specifications

General

Imaging Device: 1/2.9" ClearVid™ CMOS Sensor
 Pixel Gross: 3200K Pixels
 Recording Media: 40GB² Hard Disk Drive
 Recording and Playback Times: HQ: 9 hours, SP: 14 hours, LP 28 hours
 Video Actual: 2280K Pixels (16:9), 1710K Pixels (4:3)
 Still Actual: 2280K Pixels (16:9), 3040K Pixels (4:3)

Convenience

USB Streaming: N/A
 SteadyShot® Image Stabilization: Yes (Super: Optical)
 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
 Titling: Yes
 Light/Flash: N/A / Yes
 Scene Mode(s): Beach, Candle, Fireworks, Landscape, Portrait, Snow, Spotlight, Sunrise & Sunset, Twilight and Twilight Portrait
 Picture Effect(s): Monotone, Pastel, 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 (Handycam Station)⁴
 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: N/A
 Lens Type: Carl Zeiss® Vario-Sonnar® T*
 Viewfinder: Wide, Color (123K Pixels)
 Docking Station: Yes, Handycam Station
 Microphone: Yes (Built-in; 5.1ch)

Optics/Lens

35mm Equivalent: 40-400mm (16:9 Camera Mode), 49-490mm (4:3 Camera Mode), 40-400mm (16:9 Memory Mode), 37-370mm (4:3 Memory Mode)
 Aperture: f1.8-2.9
 Exposure: Touch Panel (32 steps)

Filter Diameter: 37mm
 Focal Distance: 5.4-54mm; Telemacro Mode - 450mm
 Focus: Full Range Auto, Manual (Touch Panel)
 Progressive Shutter Mode: Yes
 Shutter Speed: Auto, 1/2- 1/500(Scene Selection Mode)
 Optical Zoom: 10X
 Digital Zoom: 20X

Power

Power Consumption: 4.3W (LCD)
 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

Video

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

Dimensions

Weight: 1 lb 3 oz (560g) with supplied battery
 Measurements: 3" x 3 1/8" x 5 1/8" (76x78x128mm)

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)
 InfoLithium® Rechargeable Battery (NP-FH60)
 Handycam Station
 Remote Commander® Remote Control (RMT-835)
 A/V Cable (Stereo)
 USB Cable
 Cleaning Cloth
 Enjoy Handycam DVD

UPC Code: 000000000000

1. Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions. Designed for use with compatible Sony InfoLithium® batteries.
2. 40GB means 40 Billion bytes. Available storage capacity may vary and a portion of the memory is used for data management functions.
3. Image size and files size may vary based upon the type and complexity of the image recorded.
4. Not all products with USB 2.0 connector may communicate with each other due to chipset variations.
5. 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.
6. Viewable area measured diagonally.

© 2007 Sony Electronics Inc. All rights reserved.
 Reproduction in whole or in part without written permission is prohibited. Sony, AccuPower, Clear Photo, ClearVid, DVDirect, Handycam, InfoLithium, like.no.other, Memory Stick, the Memory Stick logo, Memory Stick Duo, Memory Stick PRO Duo, NightShot, Remote Commander and SteadyShot, are trademarks of Sony. Carl Zeiss and Vario-Sonnar are trademarks of Carl Zeiss. PictBridge is a trademark of CIPA. Microsoft and Windows are registered trademarks of Microsoft Corporation. All other trademarks are property of their respective owners.
 Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.
 Screen Images Simulated

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