

DCR-SR42

Hard Disk Drive Camcorder - 30GB⁵

PRELIM

NEW

▲ Step-up

You're always making memories. So don't stop capturing them. The DCR-SR42 Handycam® camcorder contains a 30 GB built-in Hard Disk Drive (HDD) storage and up to 20 hours of recording time (LP). A generous 2.5" Touch Panel LCD Monitor keeps all the controls at your fingertips while a 40x Optical/2000x Digital Zoom keeps all the action up close and personal. And when it comes time to share your memories, it couldn't be easier with the One Touch DVD Burn capability and the Memory Stick Duo™ media slot. The DCR-SR42 puts the simplicity back into shoot and sharing your videos.

- 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.
- 40X Optical/2000X 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® Lenses
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.
- 2.5" Touch Panel SwivelScreen™ LCD Display (123K Pixels)⁴
The 2.5" 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.
- ▲ Handycam® Station
Simply placing the camcorder on the supplied Handycam Station cradle provides quick connections to a compatible TV for viewing or a PC for editing and sharing, all while charging the battery so your camcorder is always ready to go.
- Memory Stick Duo™ Media Slot⁶
Capture still images up to 640x 480 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® 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-SR42 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.
- DVD Direct® Compatibility
The DVD Direct 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.
- 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 Disc Burn
Easily burn a DVD copy of your footage using the supplied software. Simply connect your DCR-SR42 to your PC via the Handycam Station and supplied USB³ cable and press the One Touch Disc Burn 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-SR42 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.
- 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.

ADDITIONAL FEATURES

- Manual Focus
- Scene Selection Modes
- Picture Effects
- Fader Effects
- Battery Information
- Easy Handycam Button
- InfoLithium® Battery with AccuPower™ Meter System
- Tele Macro Function
- Multi-Language Menu



MEMORY STICK PRO DUO



Specifications

General

Imaging Device: 1/6" 680K Gross Pixels CCD
Pixel Gross: 680K
Recording Media: 30GB⁵ Hard Disk Drive
Recording and Playback Times: Approximately - HQ:
7 hours, SP: 10 hours, LP 20 hours
Video Actual: 260K Pixels
Still Actual: 340K Pixels

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: N/A
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: 3 Lux (0 Lux with Super NightShot® Plus Infrared System)
Low Light Capability: Super NightShot® Plus

Convenience Features

Easy Operation: Yes
Fader Effects: Black, White
Multiple Language Display: Yes
Slide Show Mode: Yes
Titling: N/A
Light/Flash: N/A
Scene Mode(s): Beach, Candle, Fireworks, Landscape, Portrait, Snow, Sports Lesson, Spotlight, Sunrise & Sunset and Twilight
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)³
Component Video (Y/Pb/Pr) Output(s): N/A
Headphone Jack: N/A
Microphone Input: N/A
Remote Jack: N/A
S-Video Input(s): N/A
S-Video Output(s): Yes (via optional accessory)

Hardware

LCD: 2.5" Touch Panel SwivelScreen™ LCD Display (123K Pixels)⁴
Lens Type: Carl Zeiss® Vario-Tessar®
Viewfinder: N/A
Docking Station: Yes; Handycam Station
Microphone: Yes (Built-in; Stereo)

Optics/Lens

35mm Equivalent: 39-1560mm (16:9 Camera Mode), 36-1440mm (4:3 Camera Mode), 36-1440mm (4:3 Memory Mode)
Aperture: f1.8-4.1
Exposure: Touch Panel (32 steps)
Filter Diameter: 30mm
Focal Distance: 1.9-76mm; Telemacro Mode - 430mm
Focus: Full Range Auto/Manual (Touch Panel)
Progressive Shutter Mode: N/A
Shutter Speed: Auto, 1/60-1/4000 (Scene Selection Mode)
Optical Zoom: 40X
Digital Zoom: 2000X
Resolution: VGA

Power

Power Consumption: 2.6W (LCD)
Battery Type: InfoLithium® with AccuPower™ Meter System (NP-FH40)
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 ver. 2.0

Video

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

Dimensions

Weight: 13 oz (380g) with supplied battery
Measurements: 2 7/8" x 2 7/8" x 4 5/8" (73x71x115mm)

Supplied Accessories

Power Adapter/In Camera Charger (AC-L200)
Rechargeable InfoLithium® Battery (NP-FH40)
Handycam Station
A/V Cable
USB Cable
Enjoy Handycam DVD

Optional Accessories

A/V Cable with S-Video (VMC-30FS)
DVDirect™ - Video Only (VRD-VC30)
DVDirect™ - Video and Still (VRD-MC3)

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. 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. 30GB means 30 Billion bytes. Available storage capacity may vary and a portion of the memory is used for data management functions.
6. 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: 8MB=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460, 1GB=940, 2GB=1.85GB, 4GB=3.66GB.

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Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.
Screen Images Simulated

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